

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040825\
 Data File : BN036861.D
 Acq On : 08 Apr 2025 15:31
 Operator : RC/JU
 Sample : Q1502-08DL2 100X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WPDL2

Quant Time: Apr 08 15:57:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 04 17:30:43 2025
 Response via : Initial Calibration

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

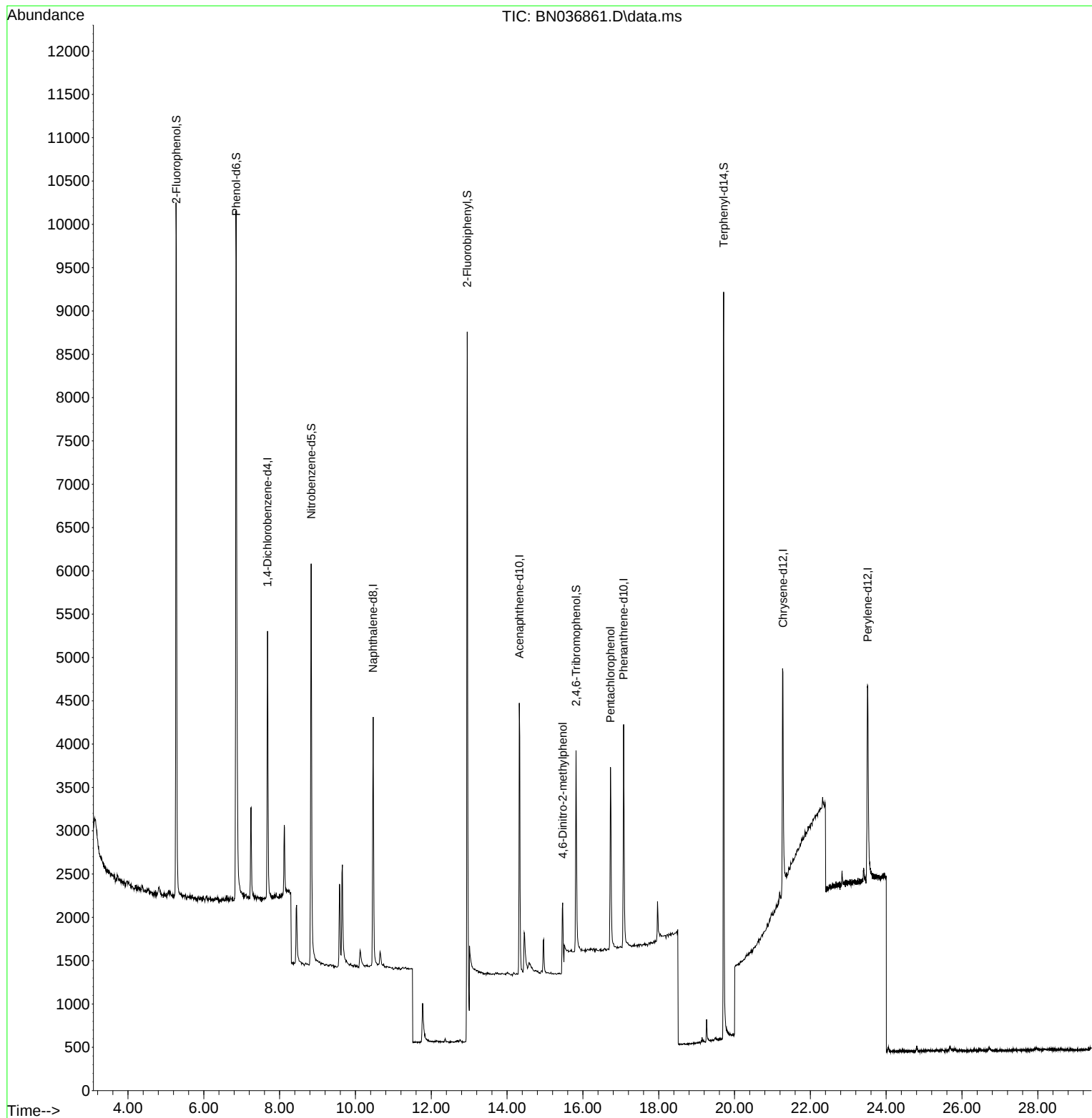
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	1573	0.400	ng	0.00
7) Naphthalene-d8	10.466	136	3831	0.400	ng	-0.01
13) Acenaphthene-d10	14.323	164	2049	0.400	ng	-0.01
19) Phenanthrene-d10	17.074	188	3999	0.400	ng	# 0.00
29) Chrysene-d12	21.277	240	3589	0.400	ng	0.00
35) Perylene-d12	23.513	264	3878	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.276	112	6208	1.693	ng	0.00
5) Phenol-d6	6.858	99	7361	1.626	ng	0.00
8) Nitrobenzene-d5	8.832	82	4095	0.983	ng	-0.01
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	15.820	330	1306	1.405	ng	-0.01
15) 2-Fluorobiphenyl	12.947	172	11192	0.939	ng	-0.01
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	19.712	244	8852	1.029	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.467	198	801	0.919	ng	# 67
24) Pentachlorophenol	16.726	266	1170	0.848	ng	96

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

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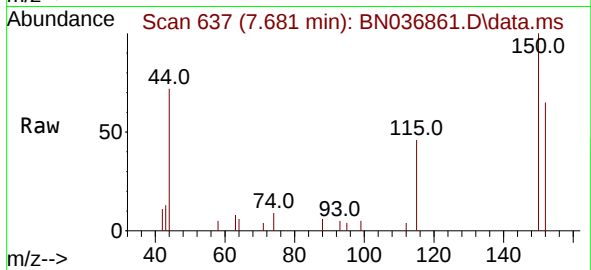
Quant Time: Apr 08 15:57:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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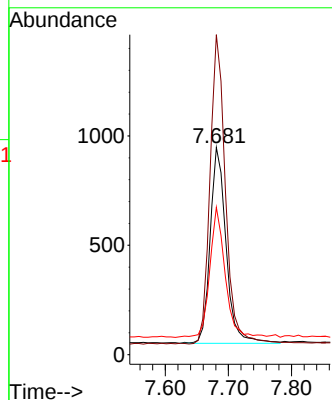
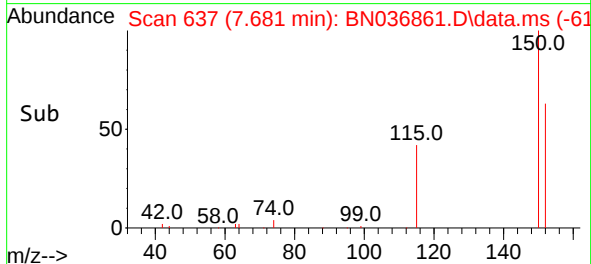


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.681 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN036861.D
Acq: 08 Apr 2025 15:31

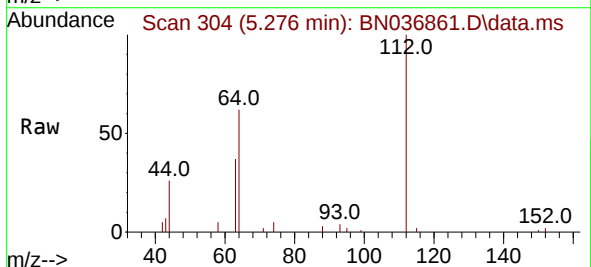
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL2



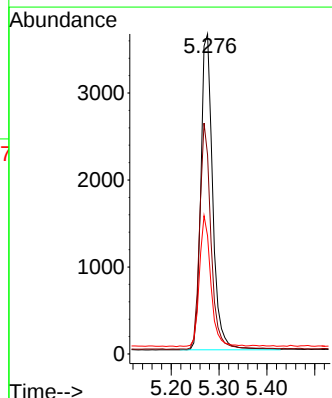
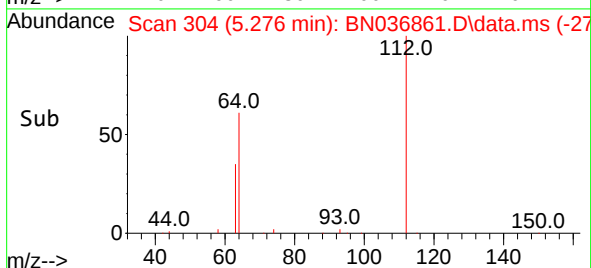
Tgt Ion:152 Resp: 1573
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 71.2 54.3 81.5



#4
2-Fluorophenol
Concen: 1.693 ng
RT: 5.276 min Scan# 304
Delta R.T. -0.007 min
Lab File: BN036861.D
Acq: 08 Apr 2025 15:31



Tgt Ion:112 Resp: 6208
Ion Ratio Lower Upper
112 100
64 68.8 53.1 79.7
63 39.9 31.8 47.8

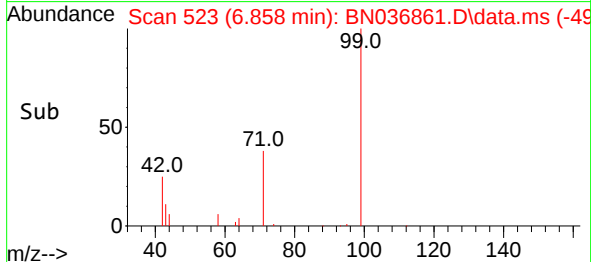
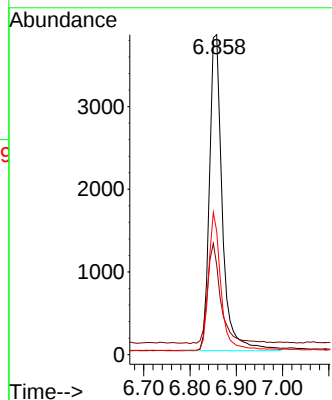
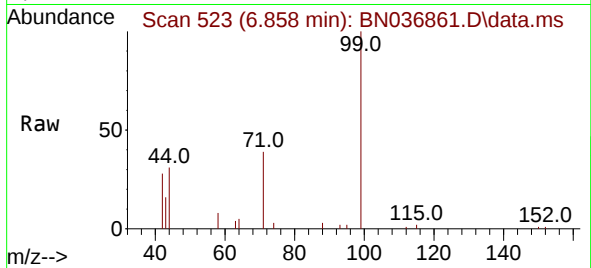




#5
Phenol-d6
Concen: 1.626 ng
RT: 6.858 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN036861.D
Acq: 08 Apr 2025 15:31

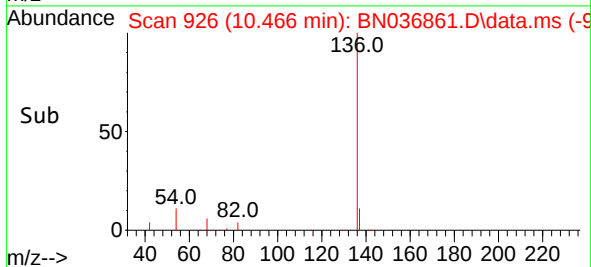
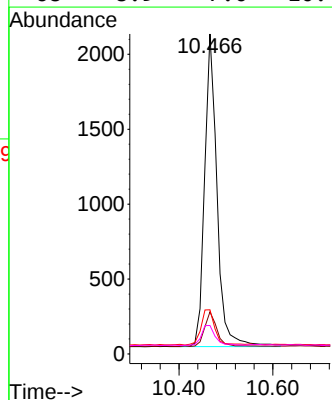
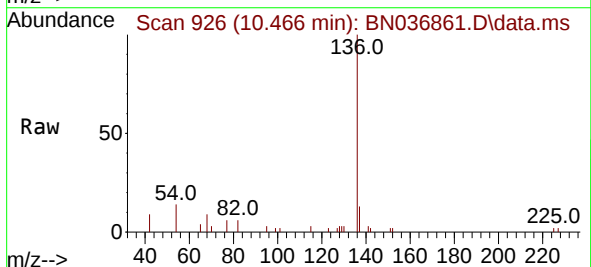
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL2

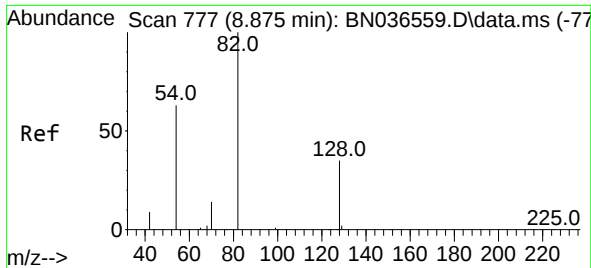
Tgt Ion: 99 Resp: 7361
Ion Ratio Lower Upper
99 100
42 33.0 26.5 39.7
71 41.9 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.466 min Scan# 926
Delta R.T. -0.011 min
Lab File: BN036861.D
Acq: 08 Apr 2025 15:31

Tgt Ion: 136 Resp: 3831
Ion Ratio Lower Upper
136 100
137 13.2 10.3 15.5
54 13.8 11.5 17.3
68 8.9 7.0 10.4

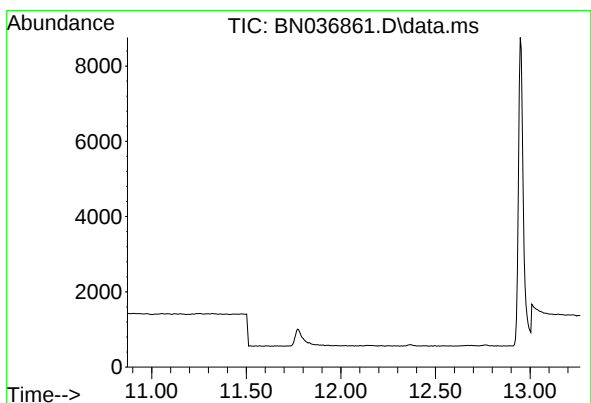
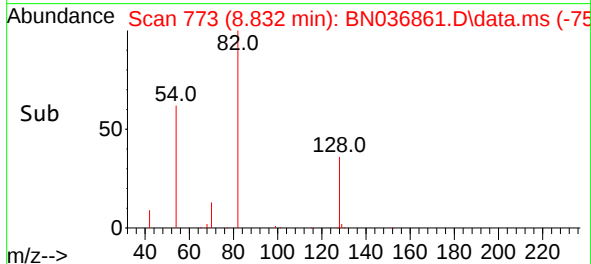
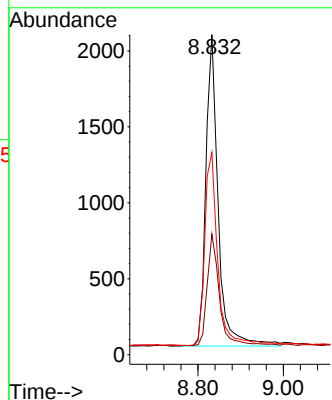
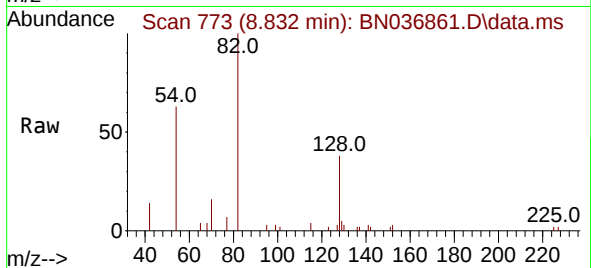




#8
 Nitrobenzene-d5
 Concen: 0.983 ng
 RT: 8.832 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN036861.D
 Acq: 08 Apr 2025 15:31

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WPDL2

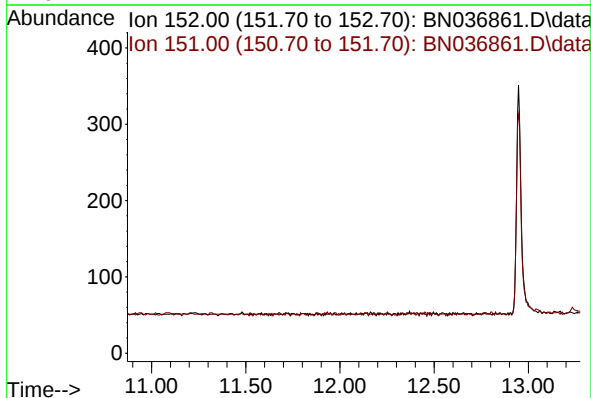
Tgt Ion: 82 Resp: 4095
 Ion Ratio Lower Upper
 82 100
 128 37.7 30.6 45.8
 54 63.3 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 Expected RT: 12.07 min

Lab File: BN036861.D
 Acq: 08 Apr 2025 15:31

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 151 21.3

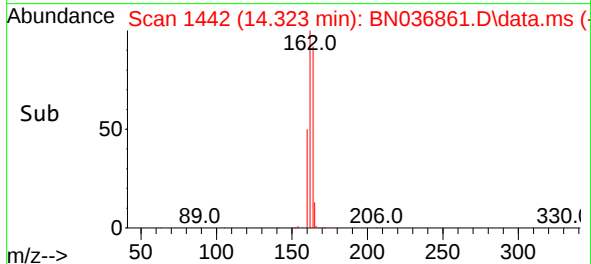
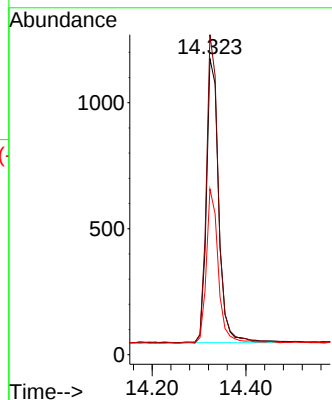
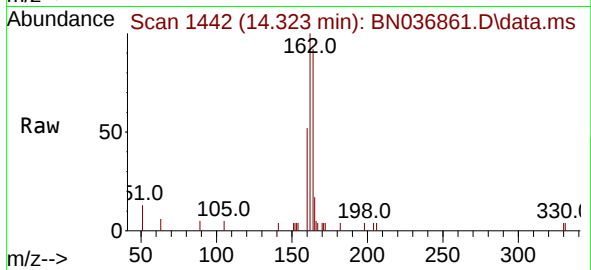




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.323 min Scan# 1446
Delta R.T. -0.011 min
Lab File: BN036861.D
Acq: 08 Apr 2025 15:31

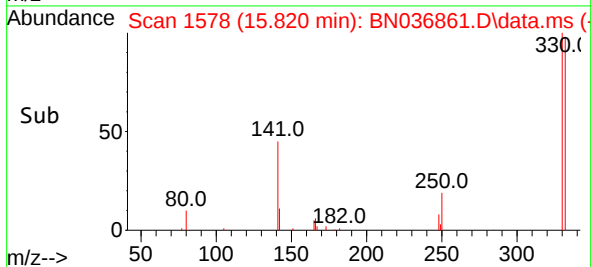
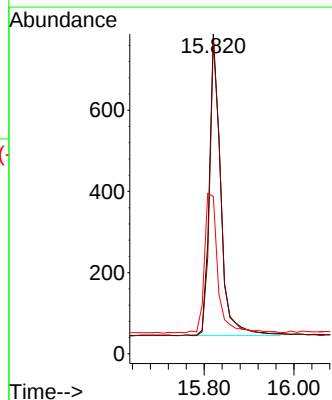
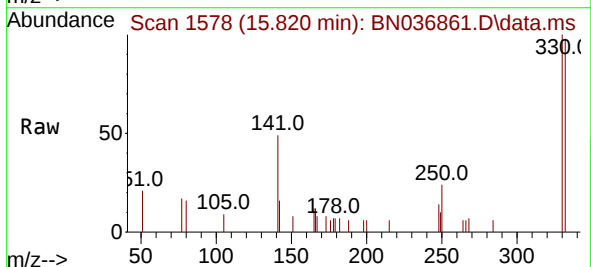
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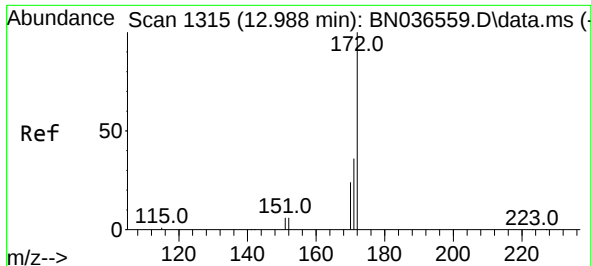
Tgt Ion:164 Resp: 2049
Ion Ratio Lower Upper
164 100
162 108.2 84.2 126.2
160 56.0 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 1.405 ng
RT: 15.820 min Scan# 1578
Delta R.T. -0.013 min
Lab File: BN036861.D
Acq: 08 Apr 2025 15:31

Tgt Ion:330 Resp: 1306
Ion Ratio Lower Upper
330 100
332 96.0 75.2 112.8
141 55.3 43.4 65.2

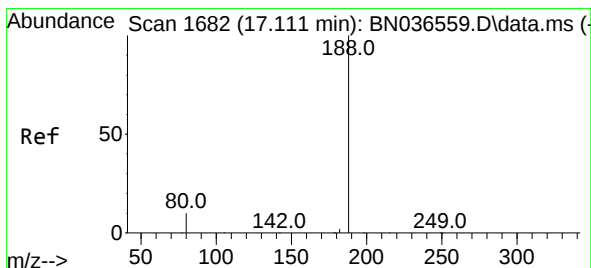
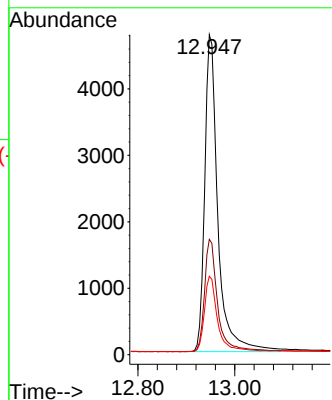
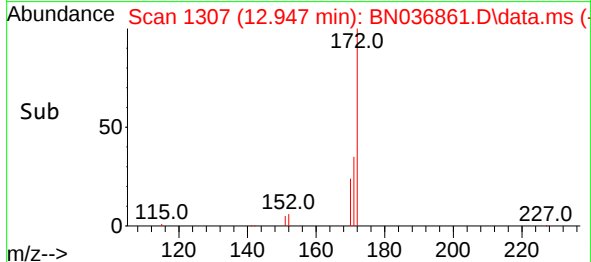
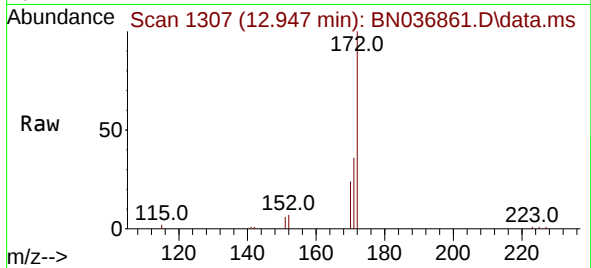




#15
2-Fluorobiphenyl
Concen: 0.939 ng
RT: 12.947 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN036861.D
Acq: 08 Apr 2025 15:31

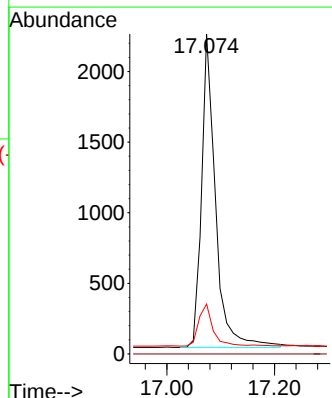
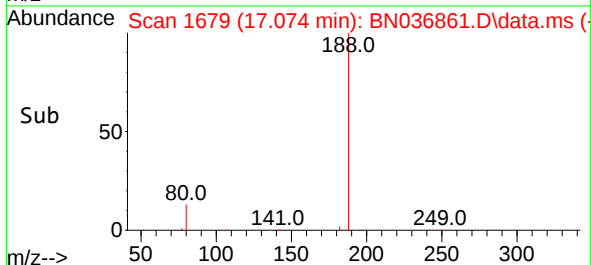
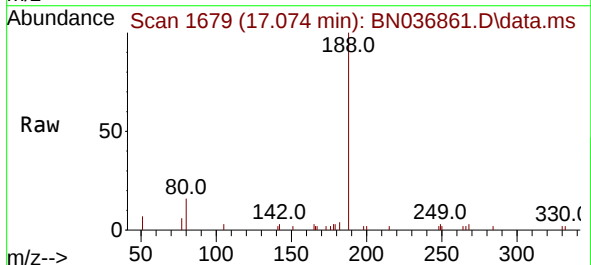
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL2

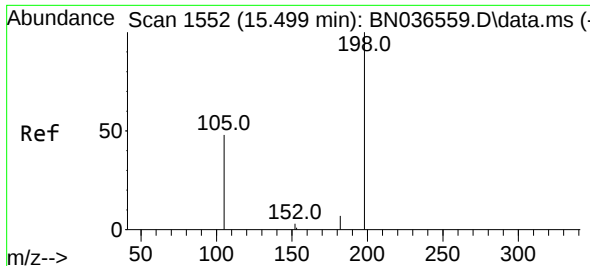
Tgt Ion:172 Resp: 11192
Ion Ratio Lower Upper
172 100
171 36.1 29.5 44.3
170 24.5 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BN036861.D
Acq: 08 Apr 2025 15:31

Tgt Ion:188 Resp: 3999
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.6 8.8 13.2#

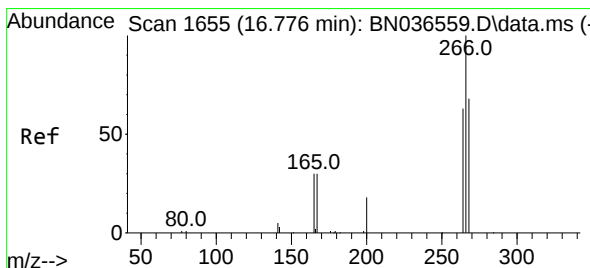
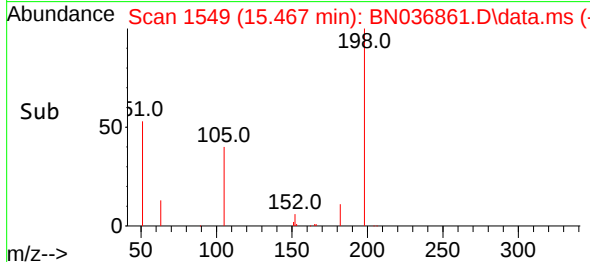
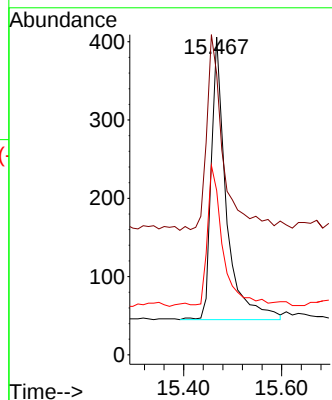
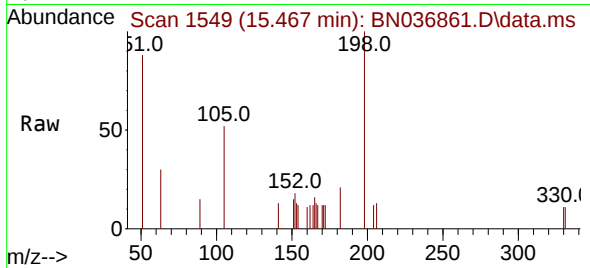




#20
4,6-Dinitro-2-methylphenol
Concen: 0.919 ng
RT: 15.467 min Scan# 1549
Delta R.T. -0.011 min
Lab File: BN036861.D
Acq: 08 Apr 2025 15:31

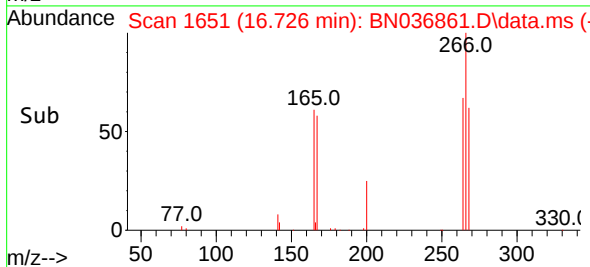
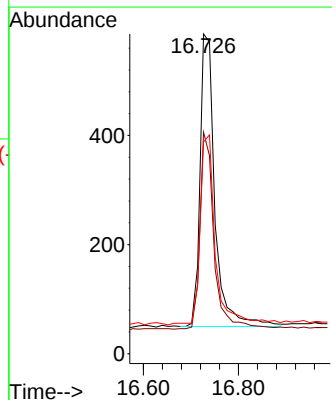
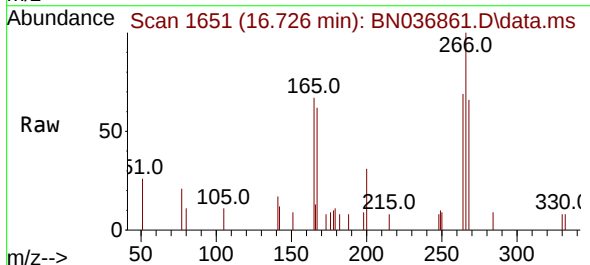
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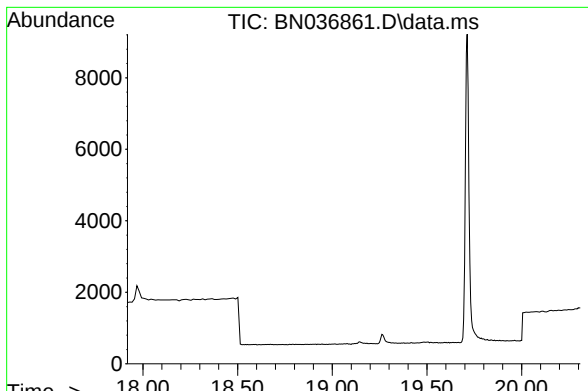
Tgt Ion:198 Resp: 801
Ion Ratio Lower Upper
198 100
51 88.4 107.9 161.9#
105 51.7 56.2 84.2#



#24
Pentachlorophenol
Concen: 0.848 ng
RT: 16.726 min Scan# 1651
Delta R.T. -0.013 min
Lab File: BN036861.D
Acq: 08 Apr 2025 15:31

Tgt Ion:266 Resp: 1170
Ion Ratio Lower Upper
266 100
264 63.8 49.6 74.4
268 67.2 50.9 76.3

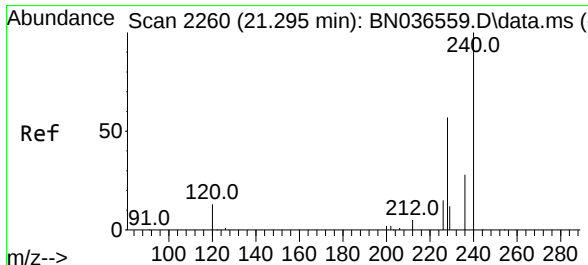
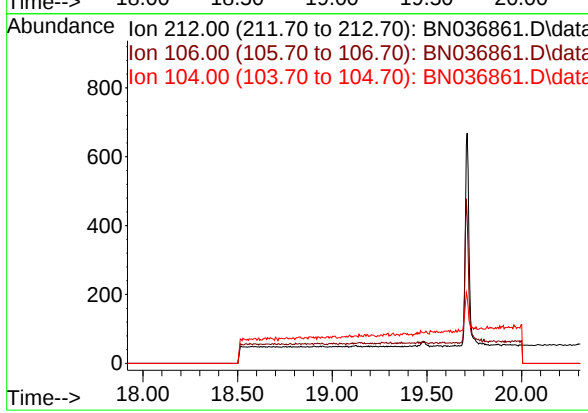




#27
 Fluoranthene-d10
 Concen: 0.000 ng
 Expected RT: 19.11 min
 Lab File: BN036861.D
 Acq: 08 Apr 2025 15:31

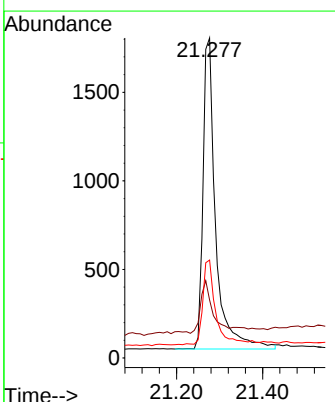
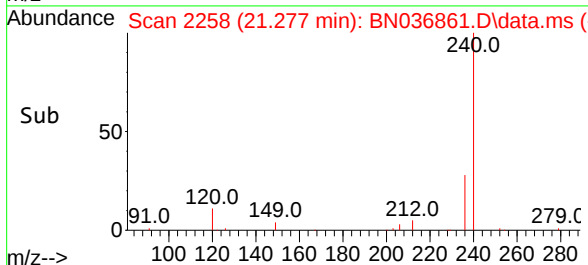
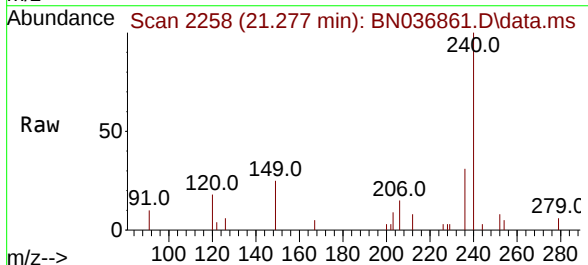
Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WPDL2

Tgt Ion: 212
 Sig Exp Ratio
 212 100
 106 14.7
 104 9.1



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.277 min Scan# 2258
 Delta R.T. 0.009 min
 Lab File: BN036861.D
 Acq: 08 Apr 2025 15:31

Tgt Ion: 240 Resp: 3589
 Ion Ratio Lower Upper
 240 100
 120 18.1 14.6 22.0
 236 30.6 24.1 36.1

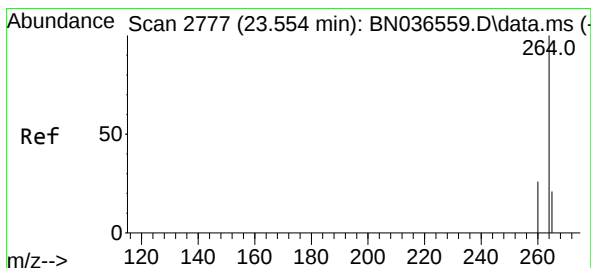
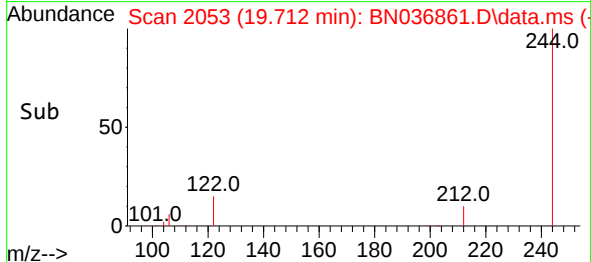
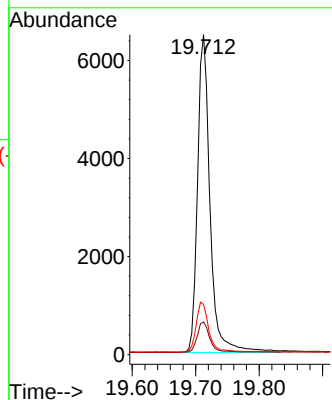
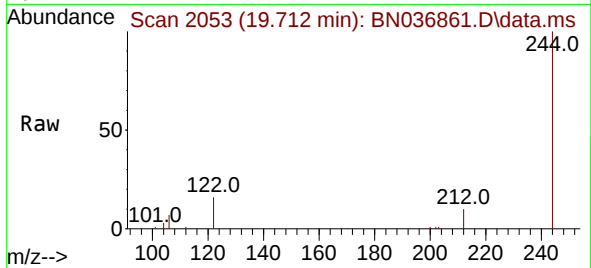




#31
 Terphenyl-d14
 Concen: 1.029 ng
 RT: 19.712 min Scan# 2060
 Delta R.T. -0.005 min
 Lab File: BN036861.D
 Acq: 08 Apr 2025 15:31

Instrument :
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 PT-ACIDS-WPDL2

Tgt Ion:244 Resp: 8852
 Ion Ratio Lower Upper
 244 100
 212 10.3 9.6 14.4
 122 15.7 13.9 20.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.513 min Scan# 2763
 Delta R.T. 0.003 min
 Lab File: BN036861.D
 Acq: 08 Apr 2025 15:31

Tgt Ion:264 Resp: 3878
 Ion Ratio Lower Upper
 264 100
 260 27.1 22.6 33.8
 265 104.1 88.1 132.1

