

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030625\
 Data File : BN036536.D
 Acq On : 06 Mar 2025 15:24
 Operator : RC/JU
 Sample : Q1501-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-05-465-030525

Quant Time: Mar 06 16:27:22 2025
 Quant Title :
 QLast Update : Wed Mar 05 16:08:57 2025
 Response via : Initial Calibration

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

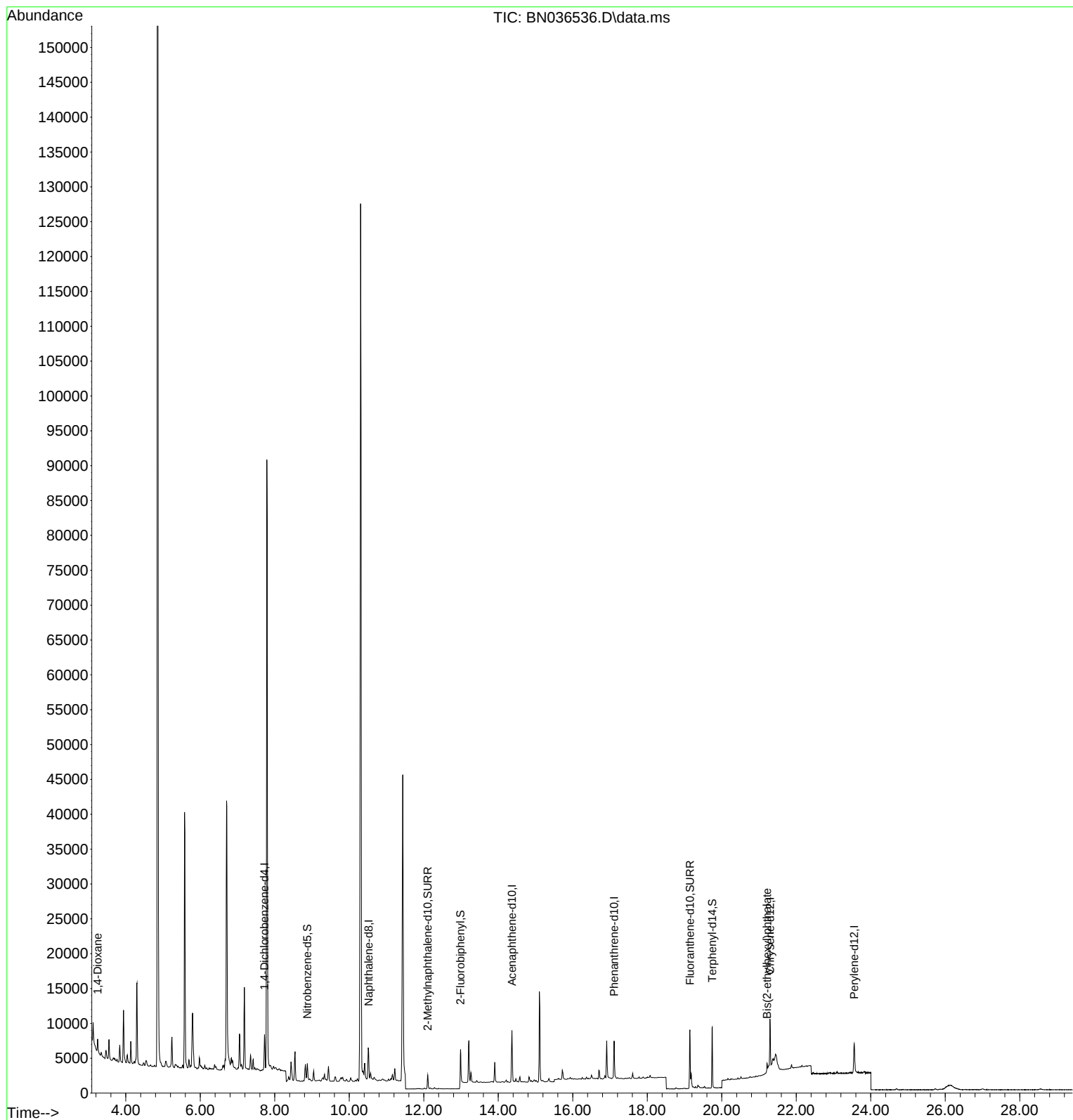
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2357	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	5902	0.400	ng	# 0.01
13) Acenaphthene-d10	14.366	164	3734	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	7437	0.400	ng	0.00
29) Chrysene-d12	21.295	240	6928	0.400	ng	0.00
35) Perylene-d12	23.554	264	6218	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	8.875	82	1873	0.322	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2729	0.301	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	31	0.017	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	7209	0.513	ng	0.00
27) Fluoranthene-d10	19.146	212	8675	0.419	ng	0.00
31) Terphenyl-d14	19.745	244	7993	0.540	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	816	0.316	ng	# 50
34) Bis(2-ethylhexyl)phtha...	21.214	149	1755	0.124	ng	# 85

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

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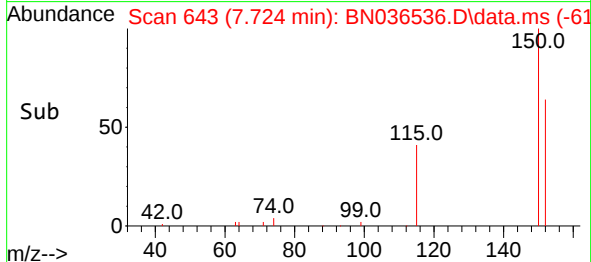
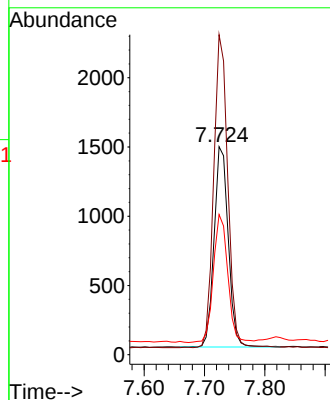
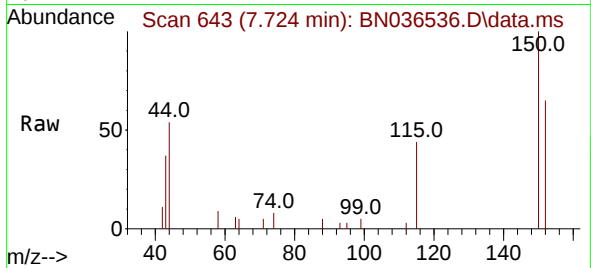




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. -0.008 min
 Lab File: BN036536.D
 Acq: 06 Mar 2025 15:24

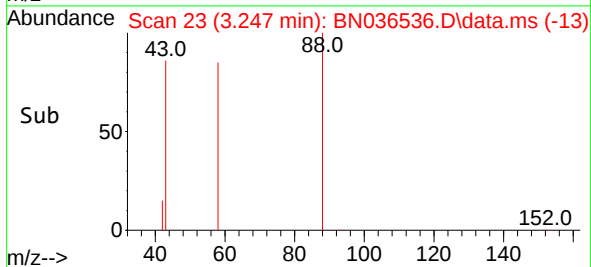
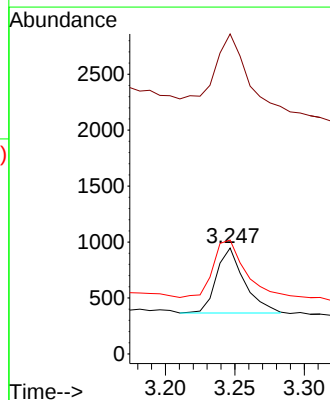
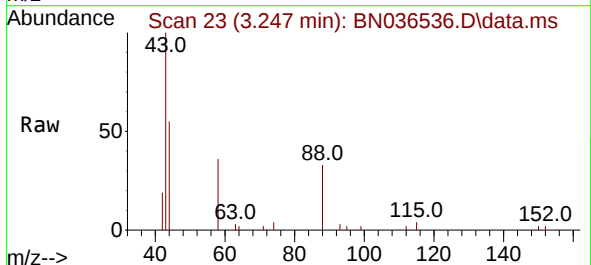
Instrument :
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 BR-05-465-030525

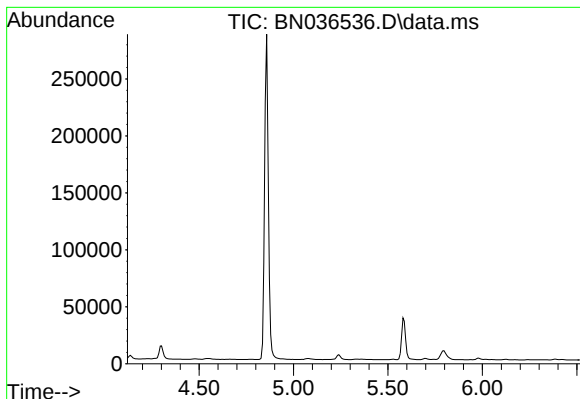
Tgt Ion:152 Resp: 2357
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.7 185.5
 115 67.4 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.316 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN036536.D
 Acq: 06 Mar 2025 15:24

Tgt Ion: 88 Resp: 816
 Ion Ratio Lower Upper
 88 100
 43 119.2 33.7 50.5#
 58 99.6 68.9 103.3



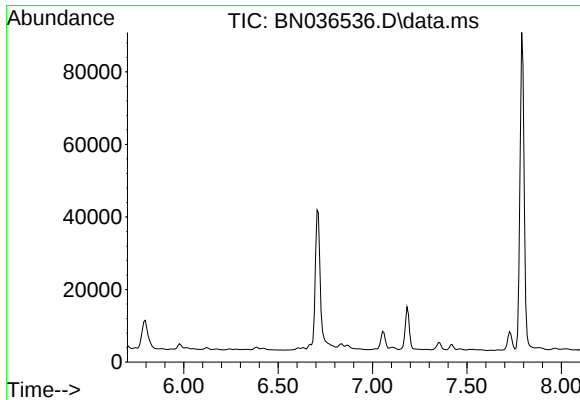
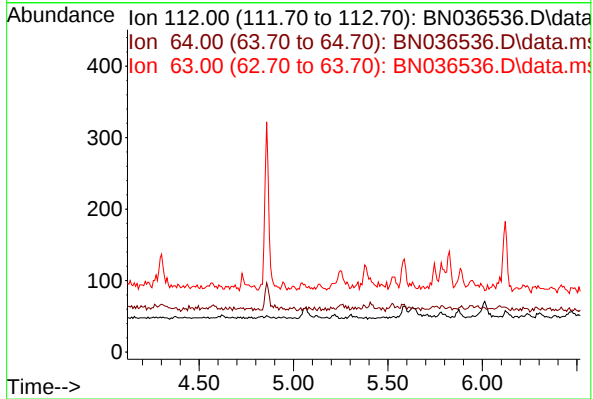


#4
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.32 min

Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

Instrument :
BNA_N
ClientSampleId :
BR-05-465-030525

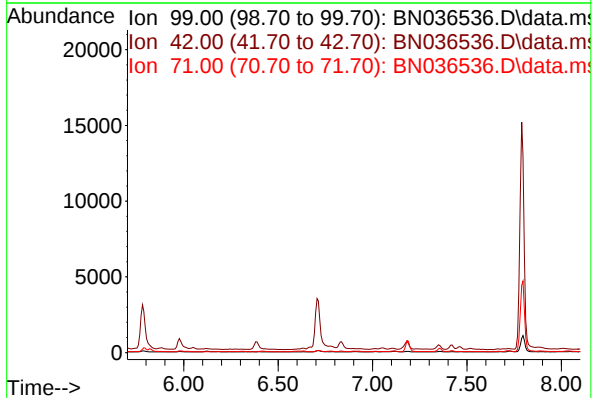
Tgt Ion: 112
Sig Exp Ratio
112 100
64 66.7
63 37.9

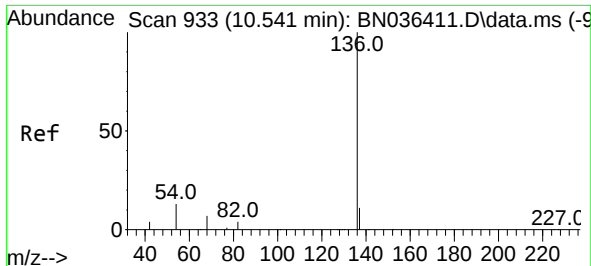


#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.90 min

Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

Tgt Ion: 99
Sig Exp Ratio
99 100
42 27.1
71 40.8

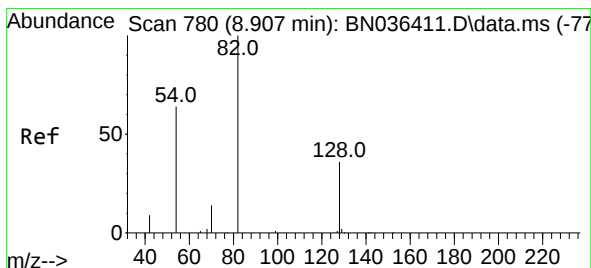
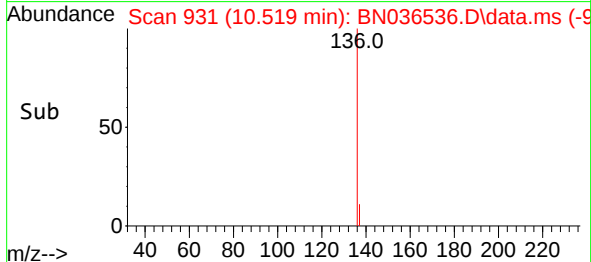
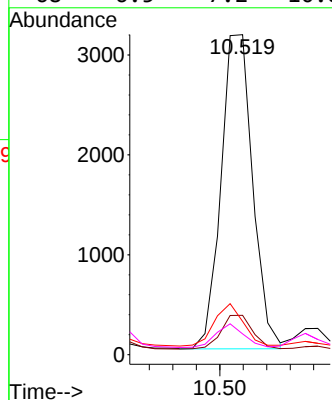
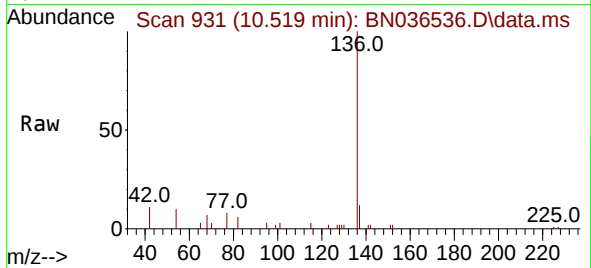




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

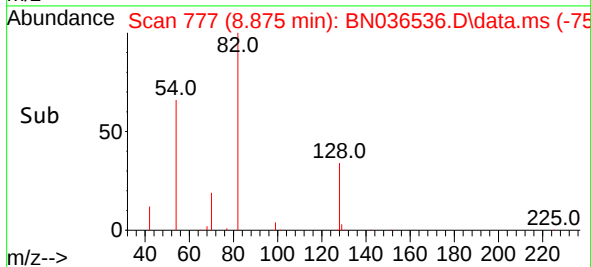
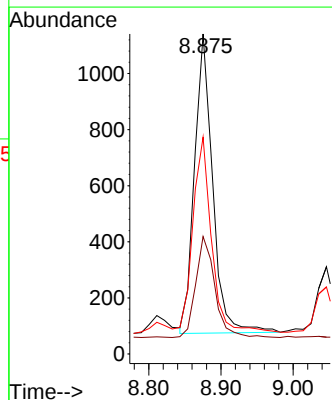
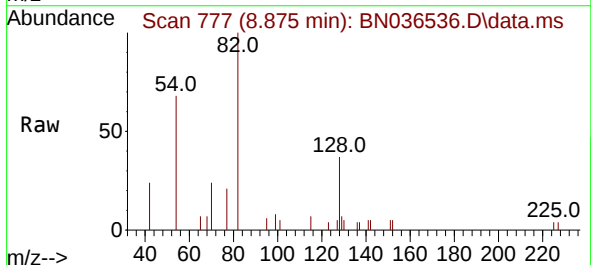
Instrument :
BNA_N
ClientSampleId :
BR-05-465-030525

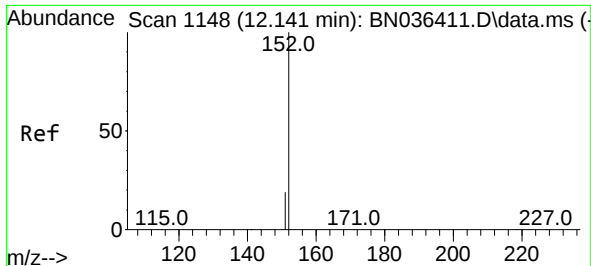
Tgt Ion:136	Resp:	5902
Ion Ratio	Lower	Upper
136	100	
137	12.3	10.1 15.1
54	10.4	11.8 17.6#
68	6.5	7.2 10.8#



#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

Tgt Ion: 82	Resp:	1873
Ion Ratio	Lower	Upper
82	100	
128	36.7	31.9 47.9
54	67.7	53.1 79.7

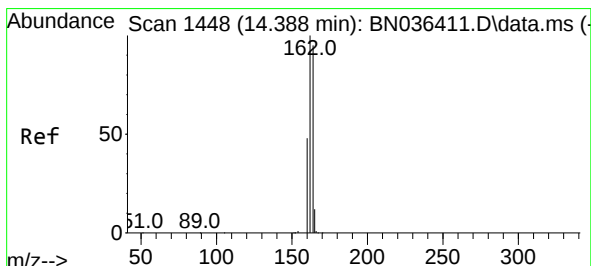
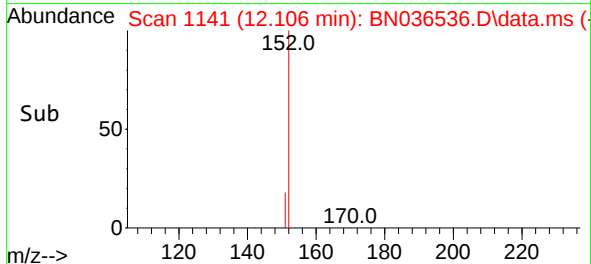
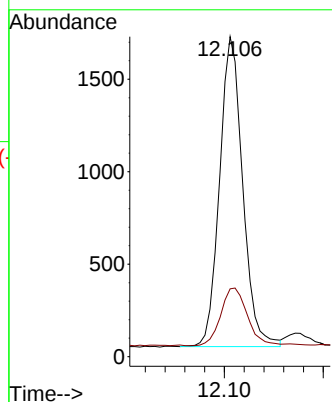
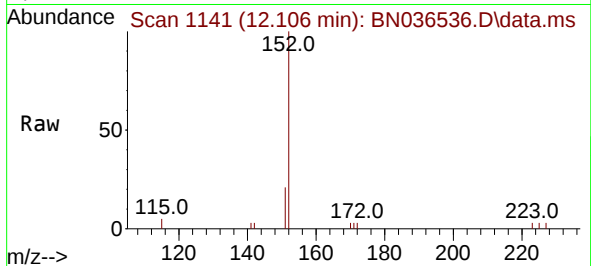




#11
2-Methylnaphthalene-d10
Concen: 0.301 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

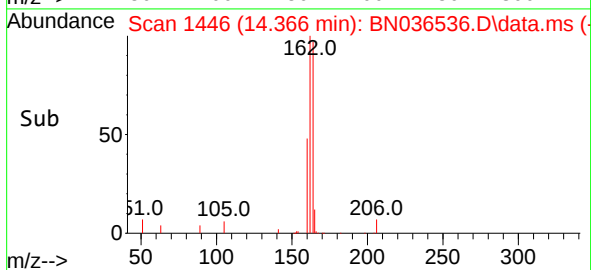
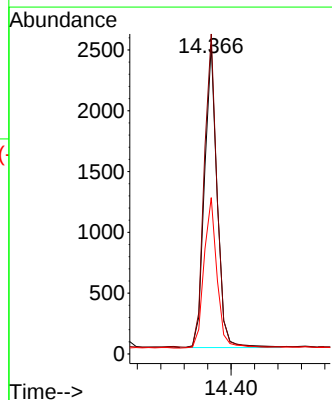
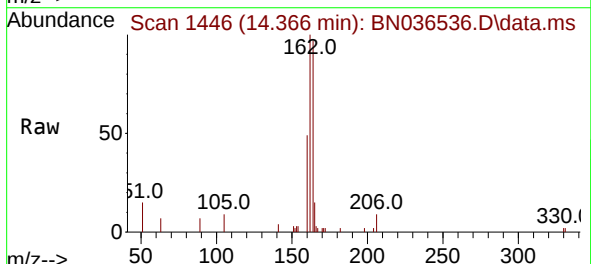
Instrument :
BNA_N
ClientSampleId :
BR-05-465-030525

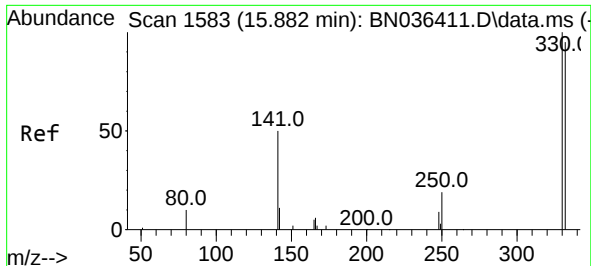
Tgt Ion:152 Resp: 2729
Ion Ratio Lower Upper
152 100
151 21.9 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

Tgt Ion:164 Resp: 3734
Ion Ratio Lower Upper
164 100
162 103.5 84.1 126.1
160 50.5 41.4 62.0

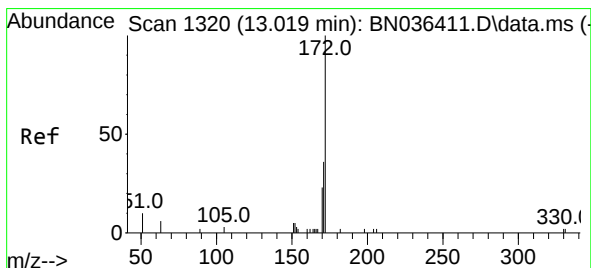
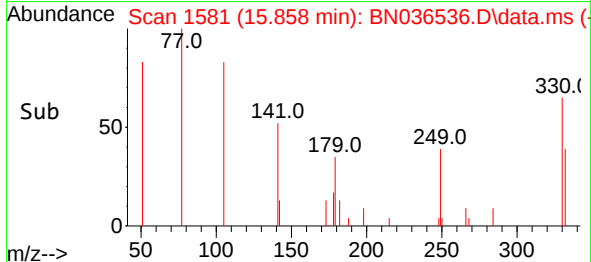
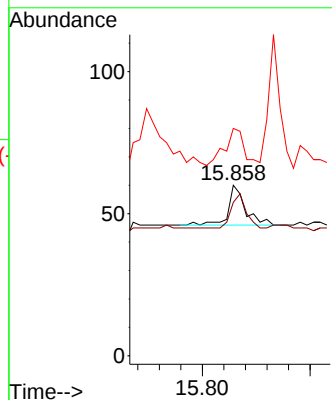
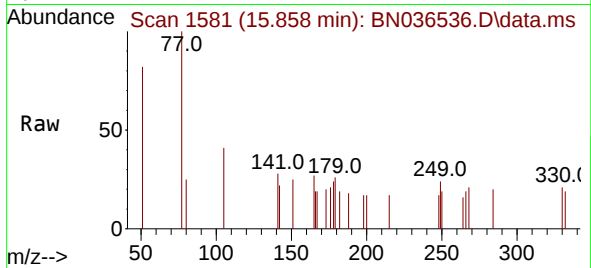




#14
2,4,6-Tribromophenol
Concen: 0.017 ng
RT: 15.858 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

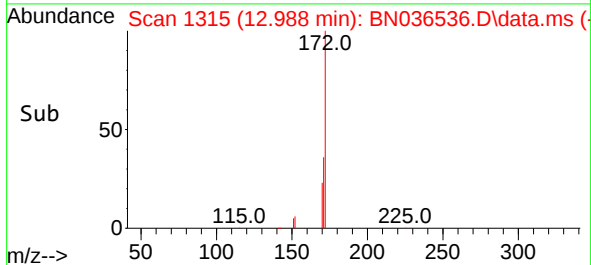
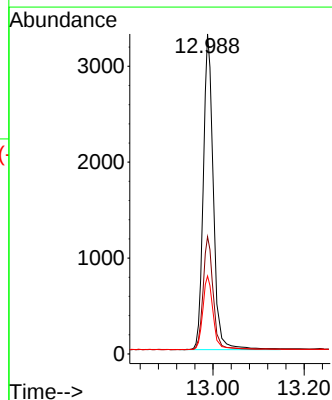
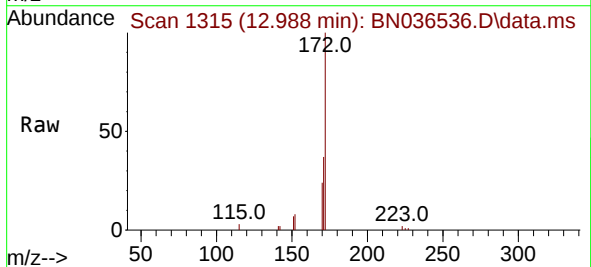
Instrument :
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ClientSampleId :
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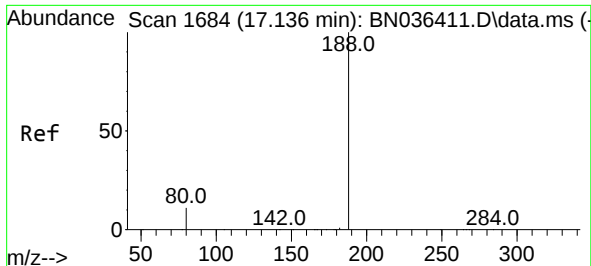
Tgt Ion:330 Resp: 31
Ion Ratio Lower Upper
330 100
332 80.6 76.6 114.8
141 103.2 37.8 56.8#



#15
2-Fluorobiphenyl
Concen: 0.513 ng
RT: 12.988 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

Tgt Ion:172 Resp: 7209
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.3 19.8 29.6

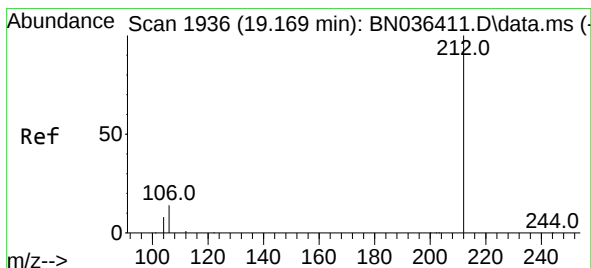
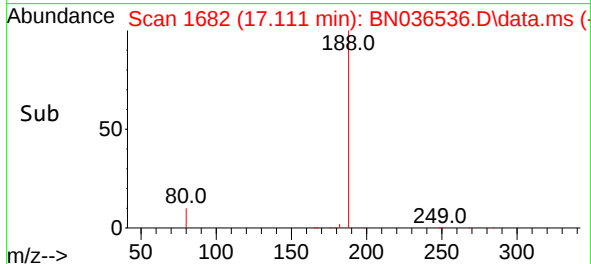
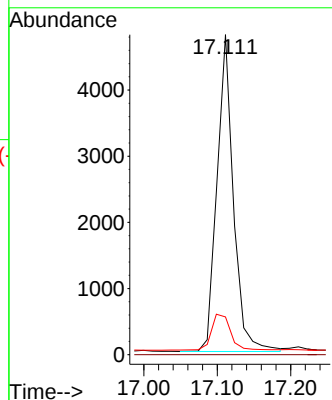
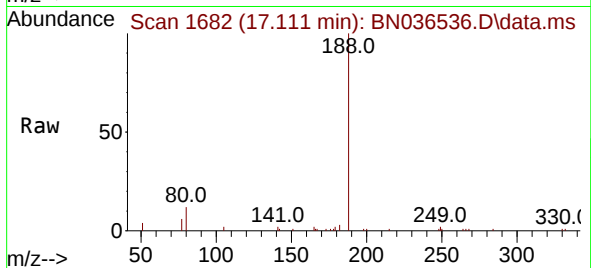




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

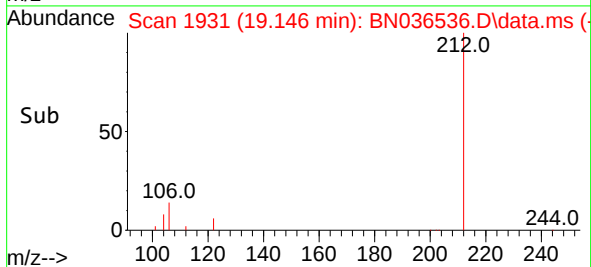
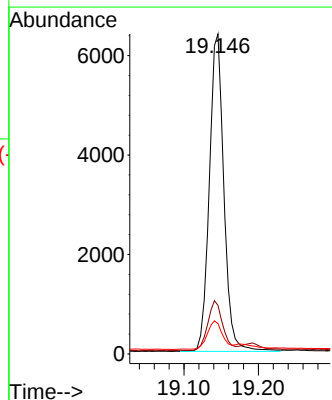
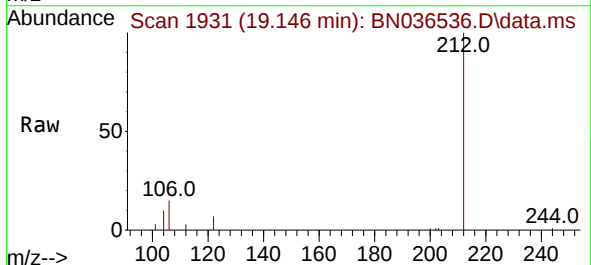
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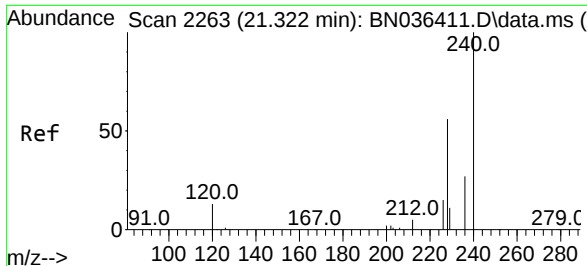
Tgt Ion:188 Resp: 7437
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 9.8 14.6



#27
Fluoranthene-d10
Concen: 0.419 ng
RT: 19.146 min Scan# 1931
Delta R.T. 0.005 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

Tgt Ion:212 Resp: 8675
Ion Ratio Lower Upper
212 100
106 16.1 11.5 17.3
104 9.2 7.1 10.7

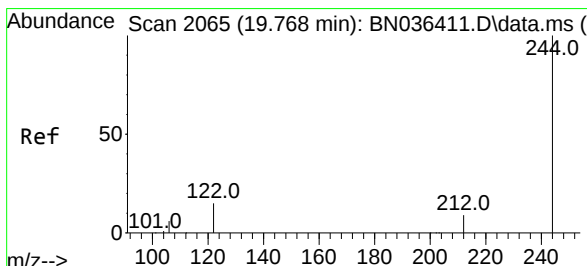
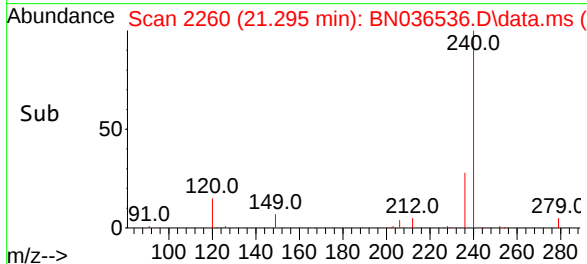
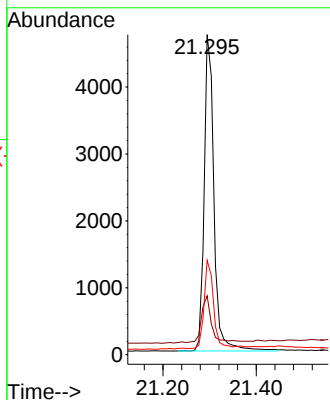
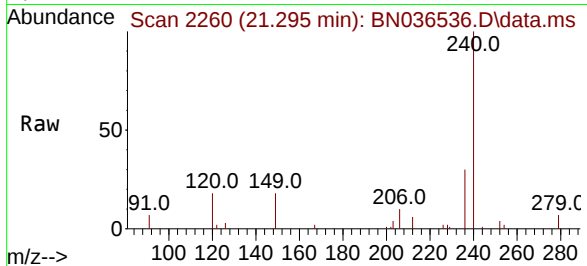




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

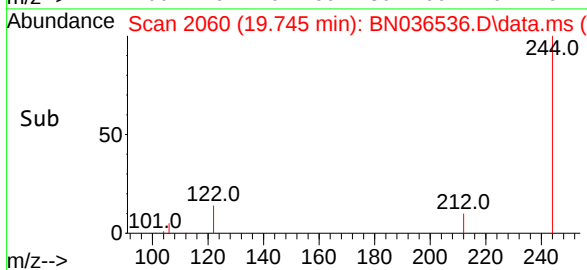
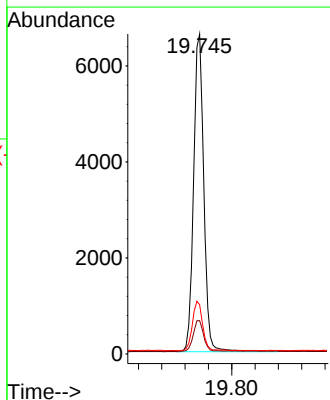
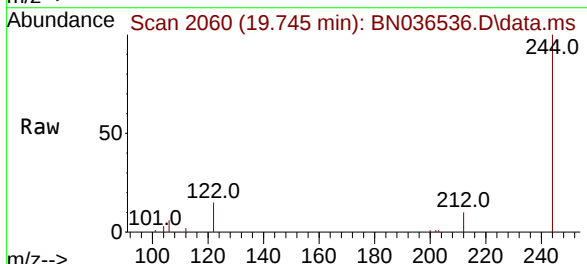
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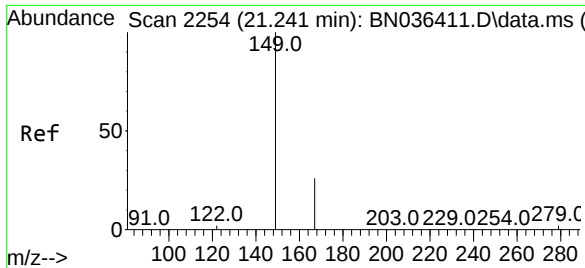
Tgt Ion:240 Resp: 6928
Ion Ratio Lower Upper
240 100
120 18.4 13.3 19.9
236 29.5 23.0 34.6



#31
Terphenyl-d14
Concen: 0.540 ng
RT: 19.745 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BN036536.D
Acq: 06 Mar 2025 15:24

Tgt Ion:244 Resp: 7993
Ion Ratio Lower Upper
244 100
212 10.4 8.1 12.1
122 15.4 12.8 19.2

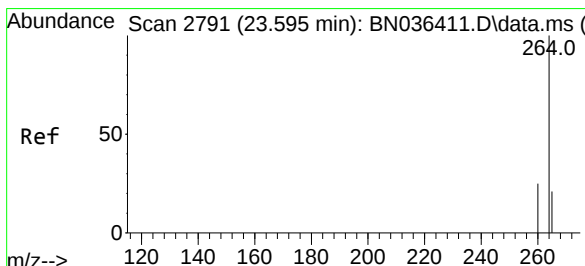
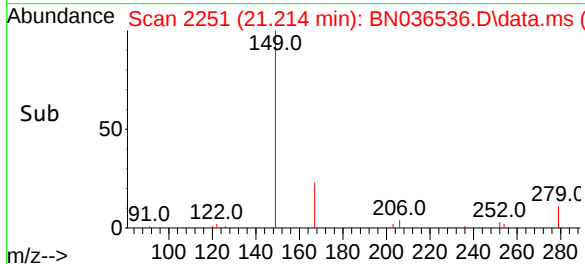
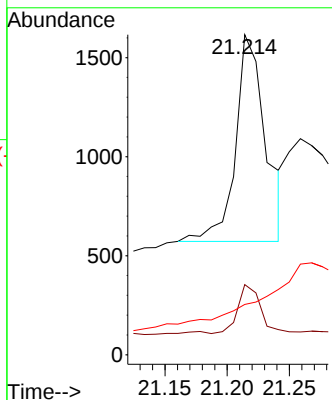
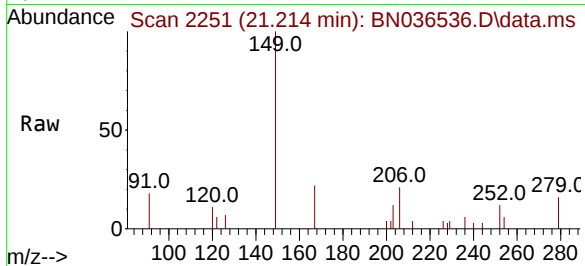




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.124 ng
 RT: 21.214 min Scan# 2111
 Delta R.T. -0.000 min
 Lab File: BN036536.D
 Acq: 06 Mar 2025 15:24

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 BR-05-465-030525

Tgt Ion:149 Resp: 1755
 Ion Ratio Lower Upper
 149 100
 167 18.3 21.2 31.8#
 279 0.0 2.7 4.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.554 min Scan# 2777
 Delta R.T. 0.003 min
 Lab File: BN036536.D
 Acq: 06 Mar 2025 15:24

Tgt Ion:264 Resp: 6218
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.9 31.3
 265 79.4 60.7 91.1

