

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022025\
 Data File : BN036481.D
 Acq On : 20 Feb 2025 15:32
 Operator : RC/JU
 Sample : SP6741
 Misc : 8270 SIM SURROGATE
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6741

Quant Time: Feb 21 00:12:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	2171	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	4668	0.400	ng	0.01
13) Acenaphthene-d10	14.388	164	2660	0.400	ng	0.00
19) Phenanthrene-d10	17.149	188	5569	0.400	ng	0.01
29) Chrysene-d12	21.331	240	4671	0.400	ng	0.00
35) Perylene-d12	23.598	264	4171	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	2058	0.401	ng	0.00
5) Phenol-d6	6.923	99	2113	0.351	ng	-0.01
8) Nitrobenzene-d5	8.907	82	1672	0.363	ng	0.00
11) 2-Methylnaphthalene-d10	12.151	152	2453	0.342	ng	0.01
14) 2,4,6-Tribromophenol	15.895	330	428	0.325	ng	0.01
15) 2-Fluorobiphenyl	13.030	172	3517	0.352	ng	0.01
27) Fluoranthene-d10	19.169	212	5848	0.378	ng	0.00
31) Terphenyl-d14	19.768	244	4062	0.407	ng	0.00

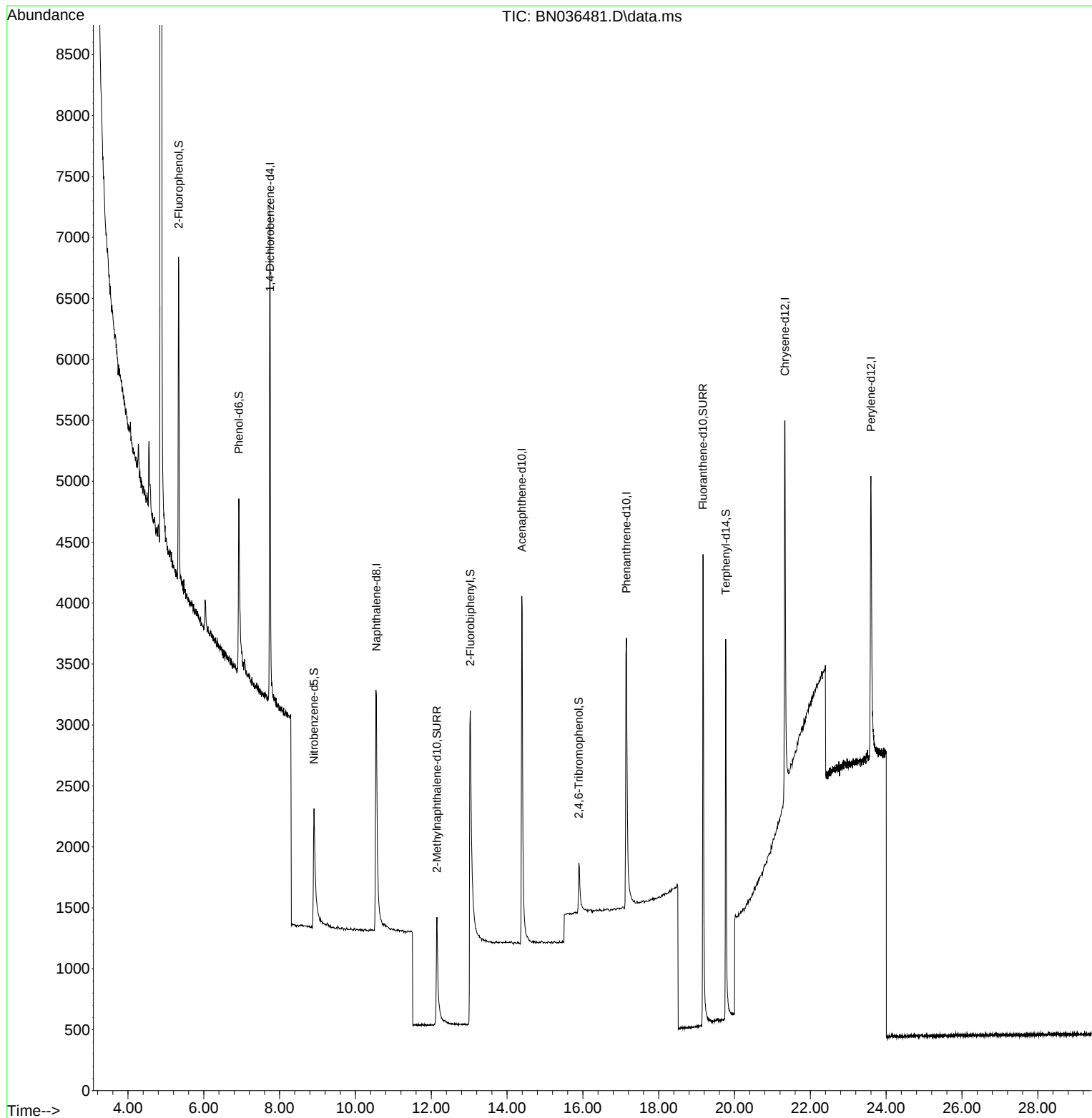
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022025\
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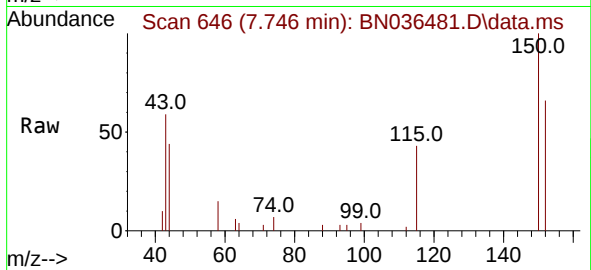
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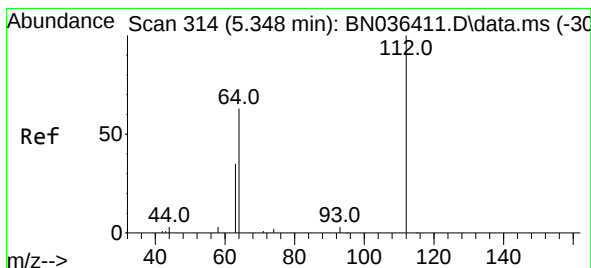
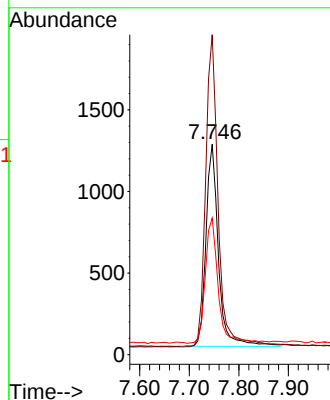
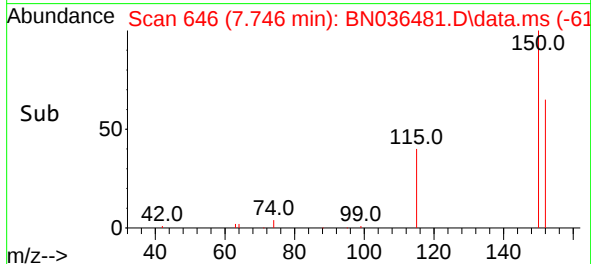


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.746 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036481.D
Acq: 20 Feb 2025 15:32

Instrument :
BNA_N
ClientSampleId :
SP6741

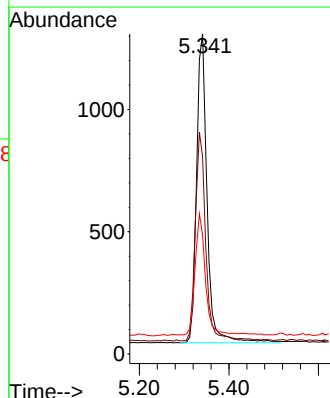
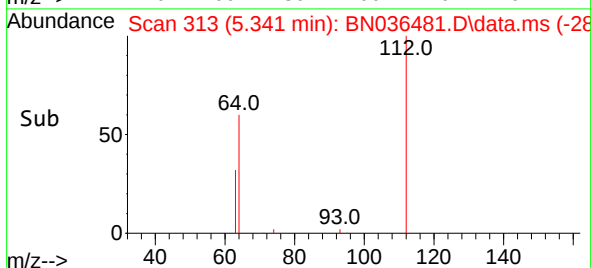
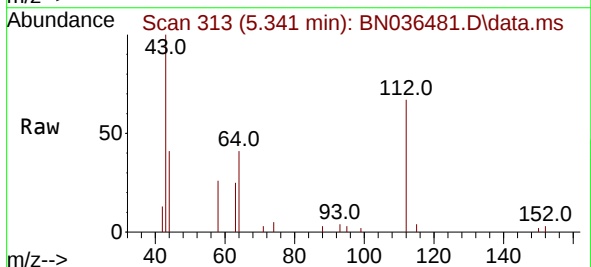


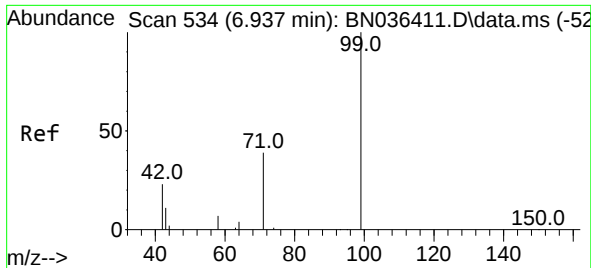
Tgt Ion:152 Resp: 2171
Ion Ratio Lower Upper
152 100
150 152.1 123.7 185.5
115 64.9 52.5 78.7



#4
2-Fluorophenol
Concen: 0.401 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN036481.D
Acq: 20 Feb 2025 15:32

Tgt Ion:112 Resp: 2058
Ion Ratio Lower Upper
112 100
64 65.8 53.4 80.0
63 38.1 30.3 45.5

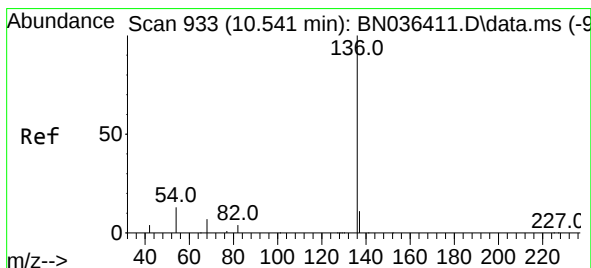
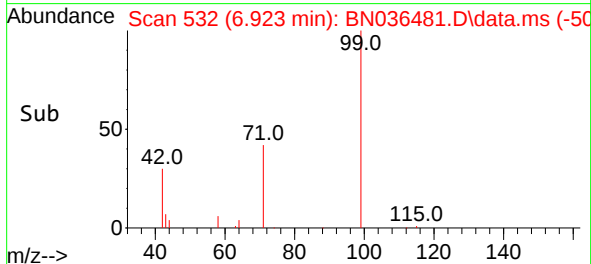
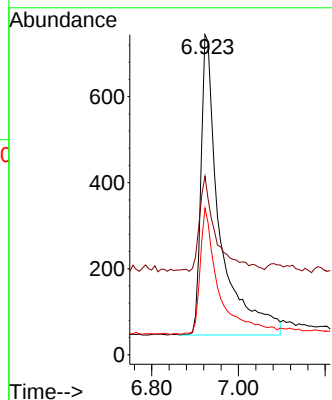
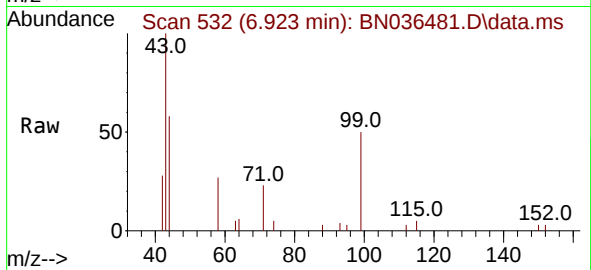




#5
Phenol-d6
Concen: 0.351 ng
RT: 6.923 min Scan# 511
Delta R.T. -0.014 min
Lab File: BN036481.D
Acq: 20 Feb 2025 15:32

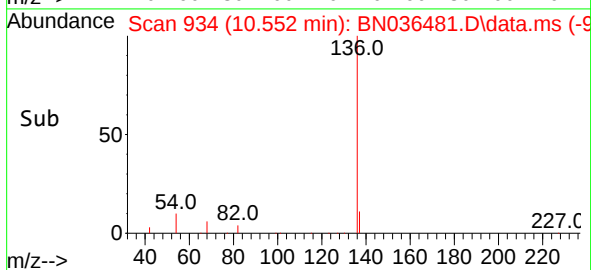
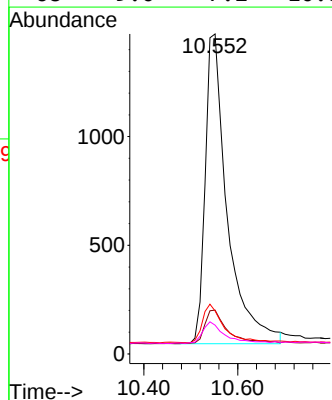
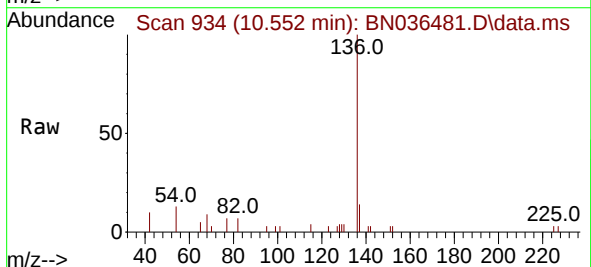
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ClientSampleId :
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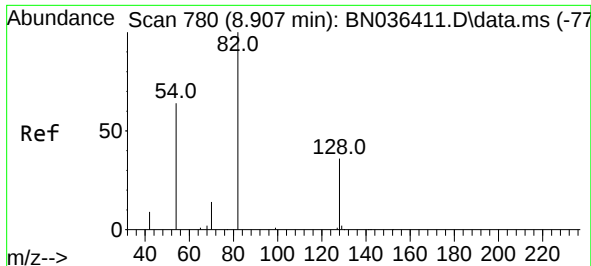
Tgt Ion: 99 Resp: 2113
Ion Ratio Lower Upper
99 100
42 27.6 21.7 32.5
71 41.8 32.6 49.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.552 min Scan# 934
Delta R.T. 0.011 min
Lab File: BN036481.D
Acq: 20 Feb 2025 15:32

Tgt Ion: 136 Resp: 4668
Ion Ratio Lower Upper
136 100
137 13.7 10.1 15.1
54 13.5 11.8 17.6
68 9.0 7.2 10.8

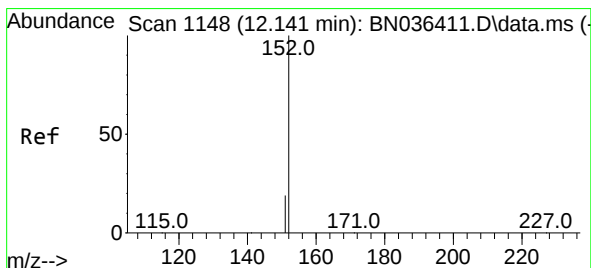
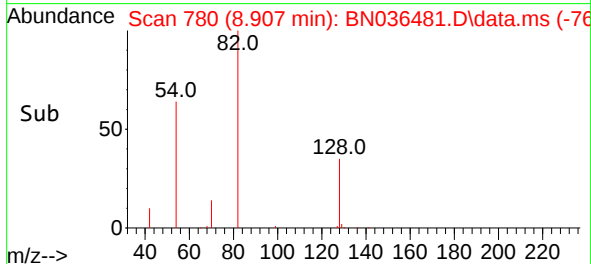
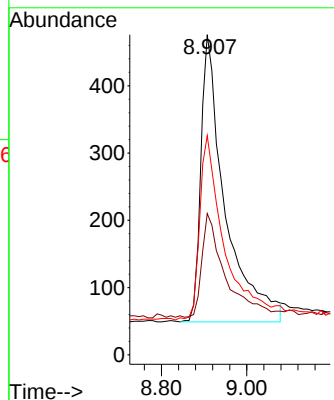
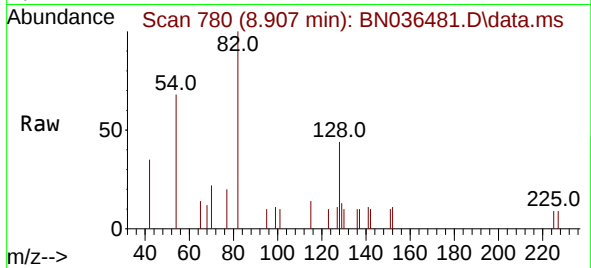




#8
 Nitrobenzene-d5
 Concen: 0.363 ng
 RT: 8.907 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN036481.D
 Acq: 20 Feb 2025 15:32

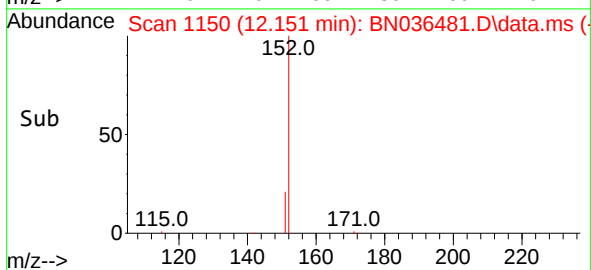
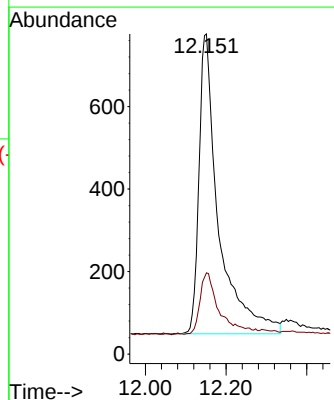
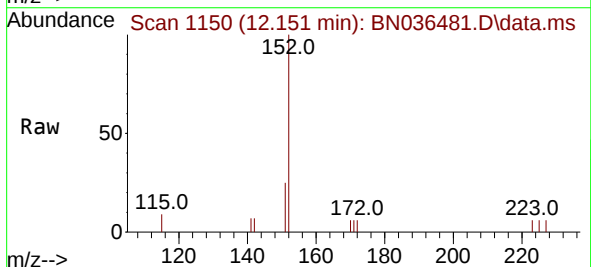
Instrument :
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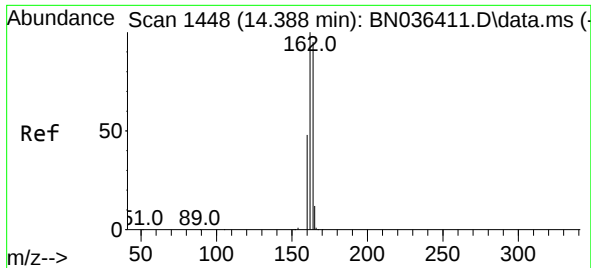
Tgt Ion: 82 Resp: 1672
 Ion Ratio Lower Upper
 82 100
 128 44.1 31.9 47.9
 54 68.5 53.1 79.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.342 ng
 RT: 12.151 min Scan# 1150
 Delta R.T. 0.010 min
 Lab File: BN036481.D
 Acq: 20 Feb 2025 15:32

Tgt Ion: 152 Resp: 2453
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.6 25.0

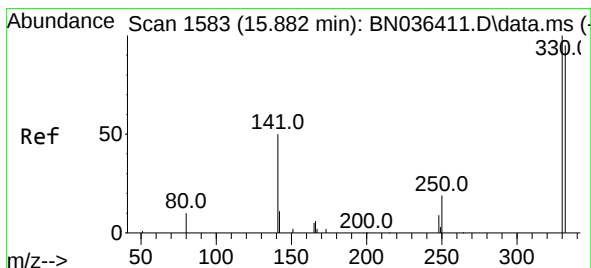
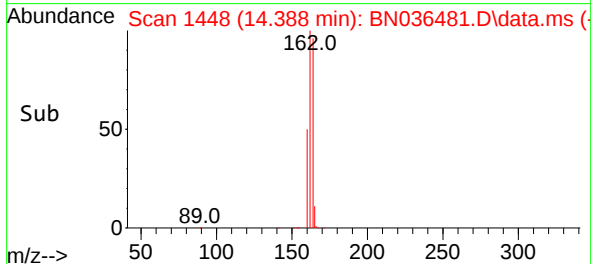
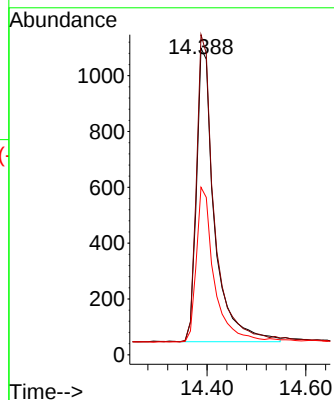
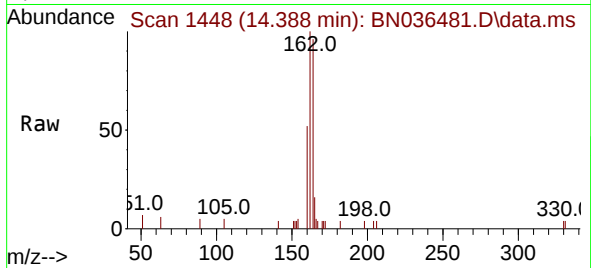




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BN036481.D
Acq: 20 Feb 2025 15:32

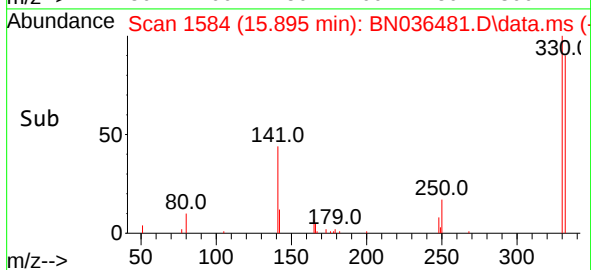
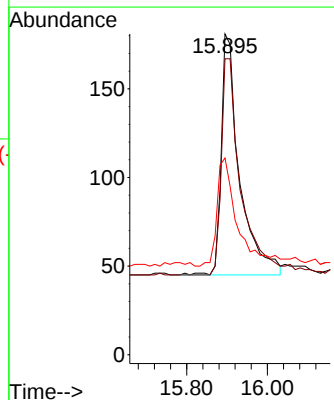
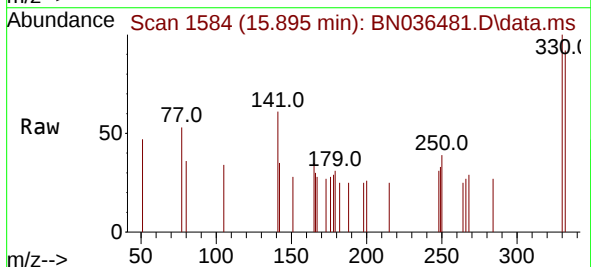
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ClientSampleId :
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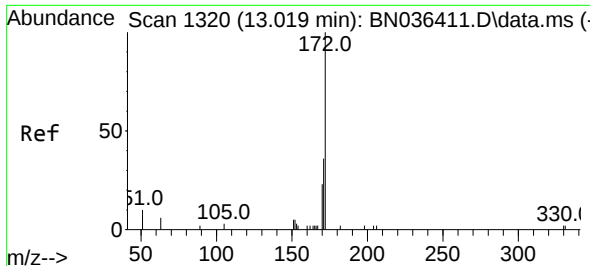
Tgt Ion:164 Resp: 2660
Ion Ratio Lower Upper
164 100
162 104.4 84.1 126.1
160 54.6 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.012 min
Lab File: BN036481.D
Acq: 20 Feb 2025 15:32

Tgt Ion:330 Resp: 428
Ion Ratio Lower Upper
330 100
332 94.4 76.6 114.8
141 50.0 37.8 56.8

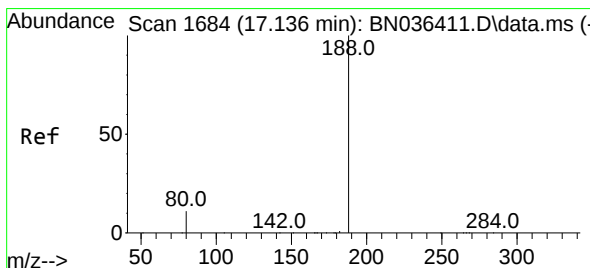
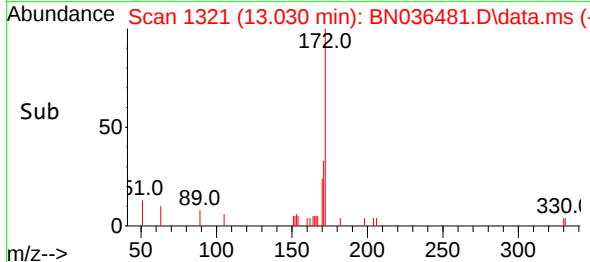
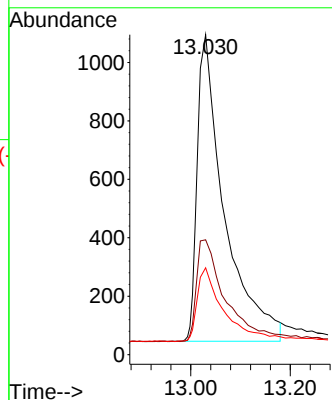
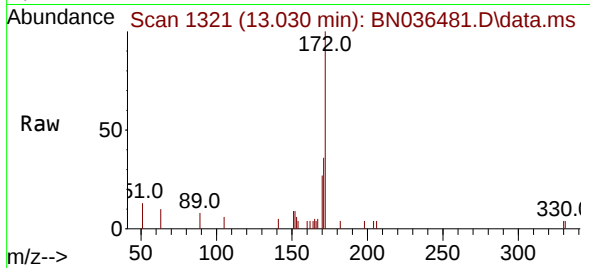




#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.030 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN036481.D
Acq: 20 Feb 2025 15:32

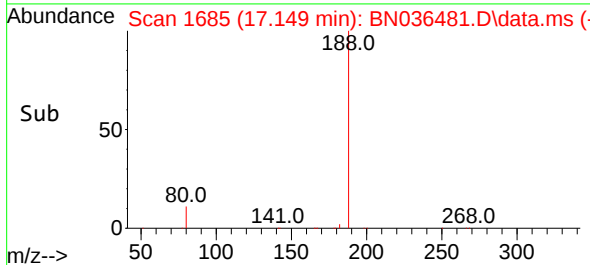
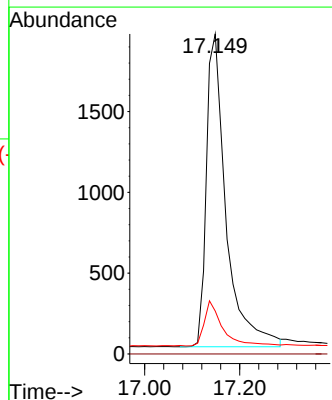
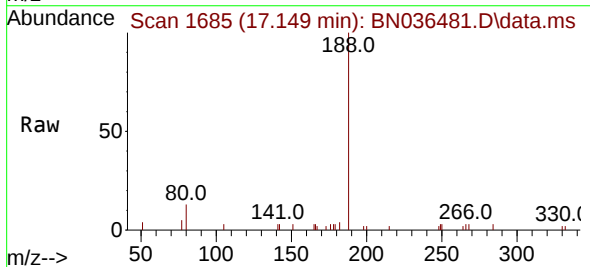
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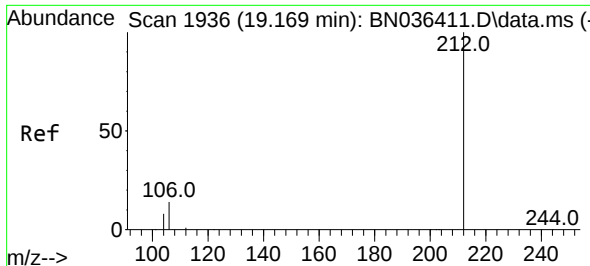
Tgt Ion:172 Resp: 3517
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 27.1 19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.012 min
Lab File: BN036481.D
Acq: 20 Feb 2025 15:32

Tgt Ion:188 Resp: 5569
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 9.8 14.6

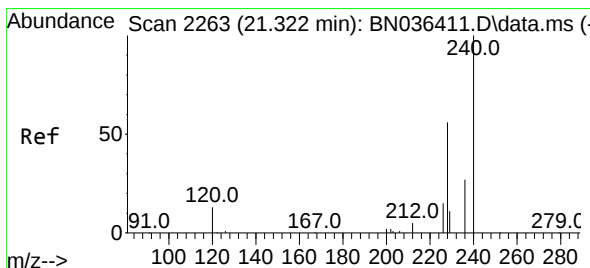
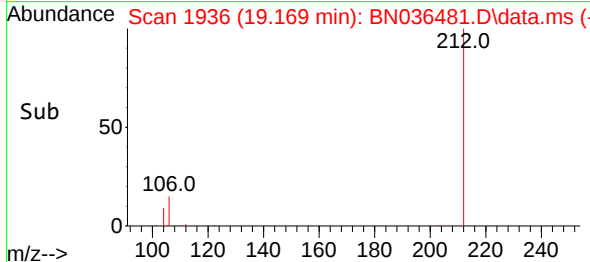
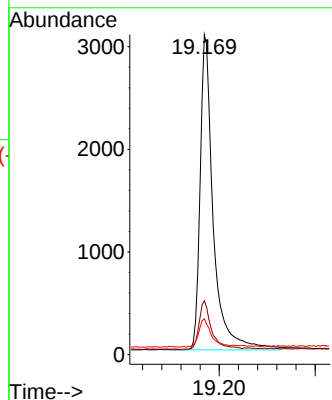
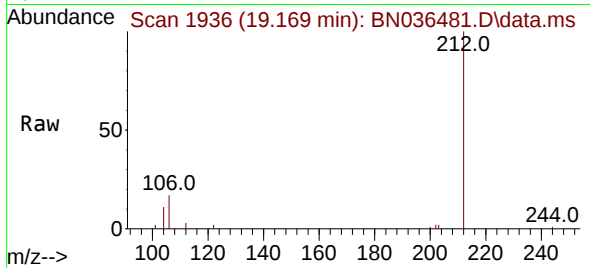




#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.169 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BN036481.D
Acq: 20 Feb 2025 15:32

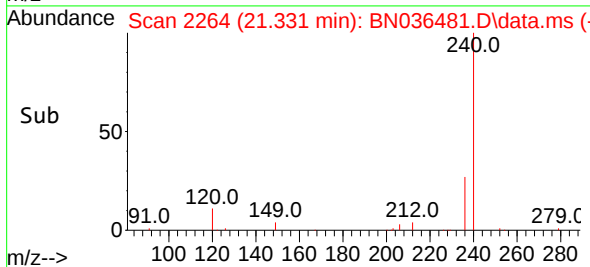
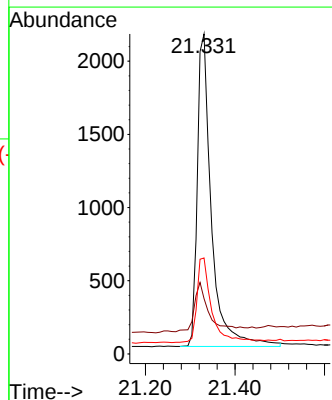
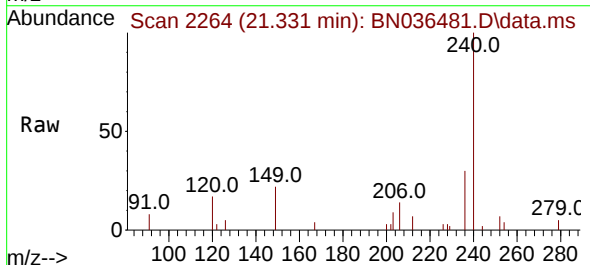
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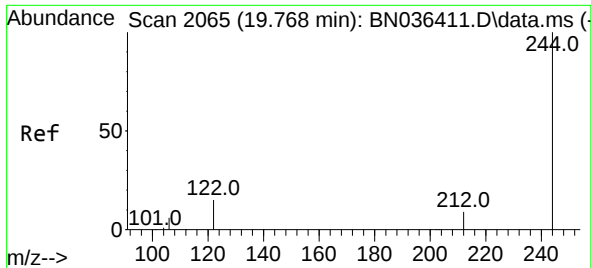
Tgt Ion:212 Resp: 5848
Ion Ratio Lower Upper
212 100
106 14.3 11.5 17.3
104 8.4 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. 0.009 min
Lab File: BN036481.D
Acq: 20 Feb 2025 15:32

Tgt Ion:240 Resp: 4671
Ion Ratio Lower Upper
240 100
120 17.3 13.3 19.9
236 30.0 23.0 34.6

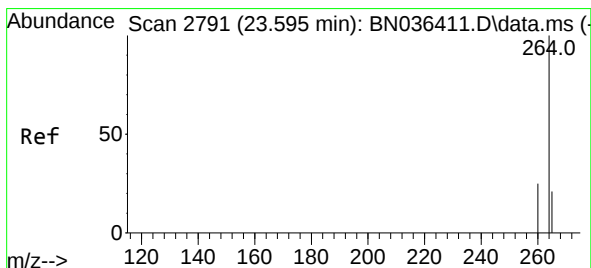
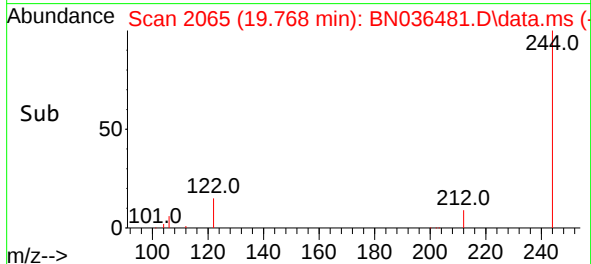
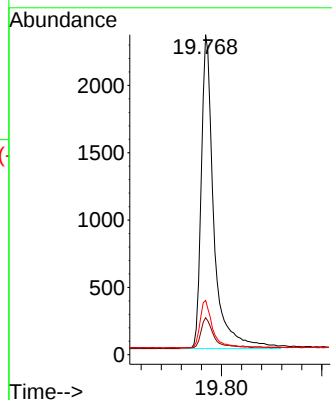
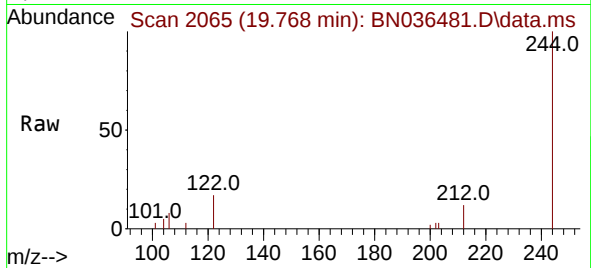




#31
 Terphenyl-d14
 Concen: 0.407 ng
 RT: 19.768 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: BN036481.D
 Acq: 20 Feb 2025 15:32

Instrument :
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Tgt Ion:244 Resp: 4062
 Ion Ratio Lower Upper
 244 100
 212 11.6 8.1 12.1
 122 17.0 12.8 19.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.598 min Scan# 2792
 Delta R.T. 0.003 min
 Lab File: BN036481.D
 Acq: 20 Feb 2025 15:32

Tgt Ion:264 Resp: 4171
 Ion Ratio Lower Upper
 264 100
 260 27.7 20.9 31.3
 265 118.8 60.7 91.1#

