

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
 Data File : BN036305.D
 Acq On : 05 Feb 2025 19:59
 Operator : RC/JU
 Sample : PB166470BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166470BL

Quant Time: Feb 06 01:05:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 01:04:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2016	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	4203	0.400	ng	# 0.01
13) Acenaphthene-d10	14.420	164	2165	0.400	ng	0.01
19) Phenanthrene-d10	17.161	188	4132	0.400	ng	0.00
29) Chrysene-d12	21.349	240	3837	0.400	ng	0.00
35) Perylene-d12	23.630	264	4121	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	1991	0.380	ng	0.00
5) Phenol-d6	6.959	99	1997	0.324	ng	0.00
8) Nitrobenzene-d5	8.929	82	1617	0.408	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	2294	0.401	ng	0.02
14) 2,4,6-Tribromophenol	15.920	330	265	0.191	ng	0.01
15) 2-Fluorobiphenyl	13.051	172	3408	0.353	ng	0.01
27) Fluoranthene-d10	19.192	212	4421	0.413	ng	0.00
31) Terphenyl-d14	19.791	244	3578	0.449	ng	0.00

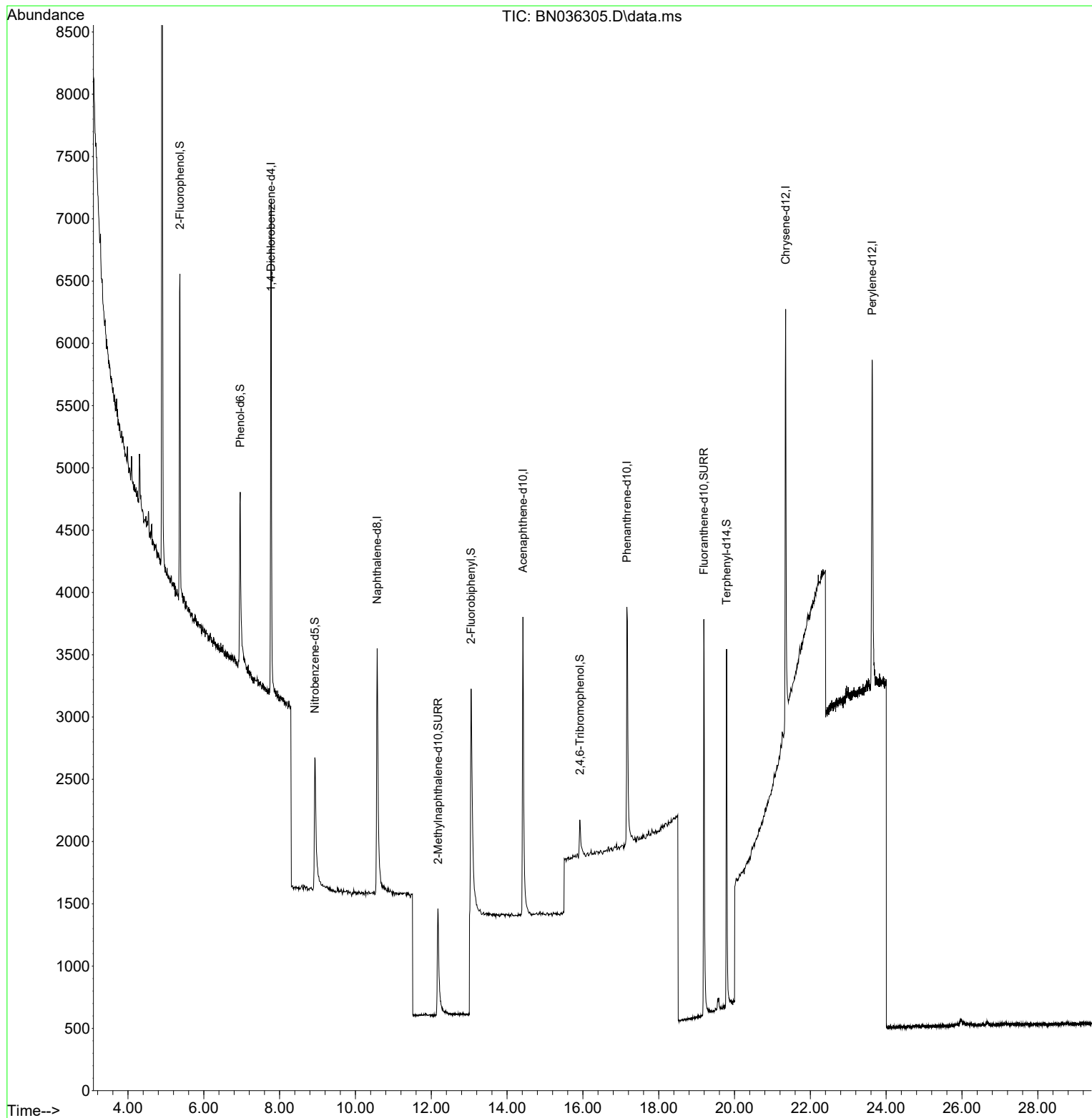
Target Compounds Qvalue

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

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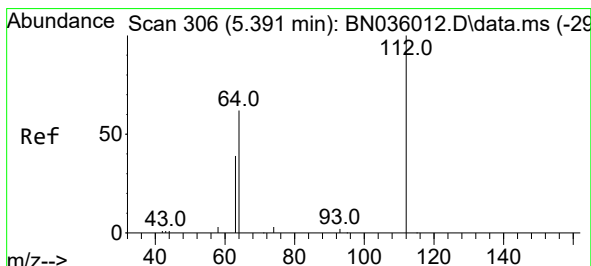
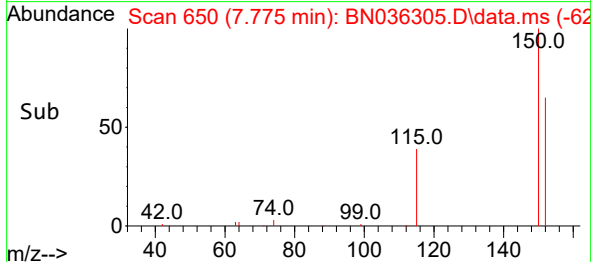
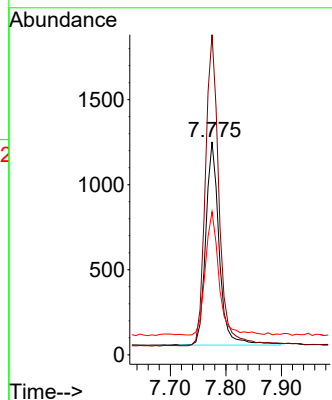
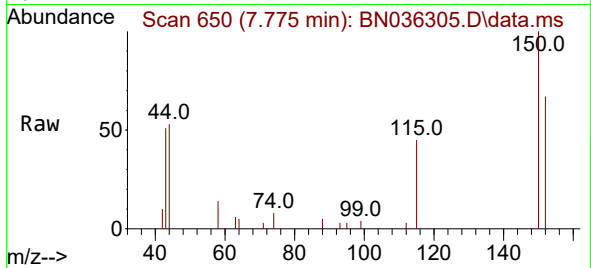




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

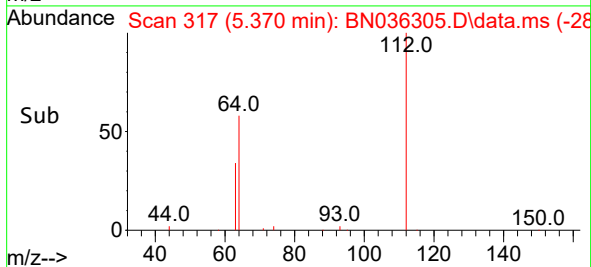
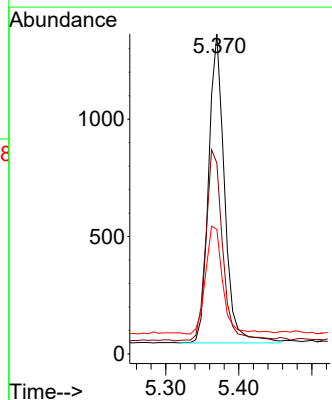
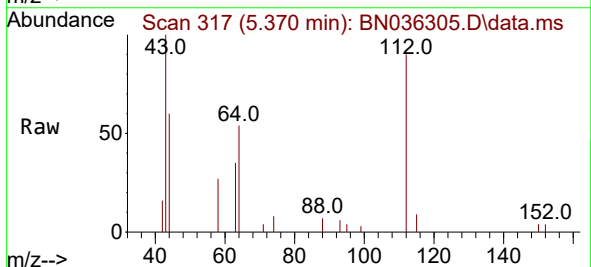
Instrument :
BNA_N
ClientSampleId :
PB166470BL

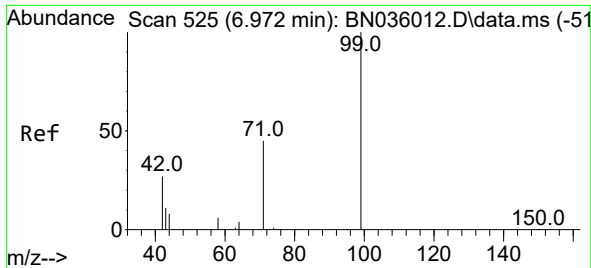
Tgt Ion:152 Resp: 2016
Ion Ratio Lower Upper
152 100
150 150.3 117.4 176.2
115 67.3 51.0 76.4



#4
2-Fluorophenol
Concen: 0.380 ng
RT: 5.370 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

Tgt Ion:112 Resp: 1991
Ion Ratio Lower Upper
112 100
64 64.9 50.0 75.0
63 37.6 30.7 46.1

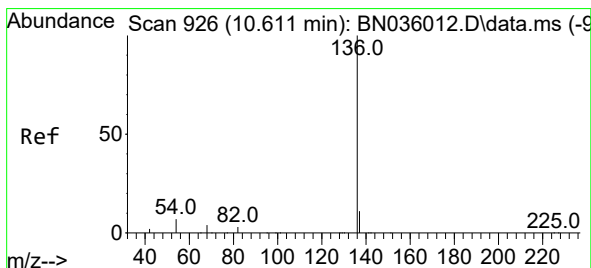
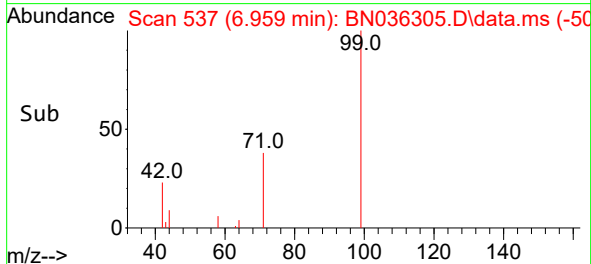
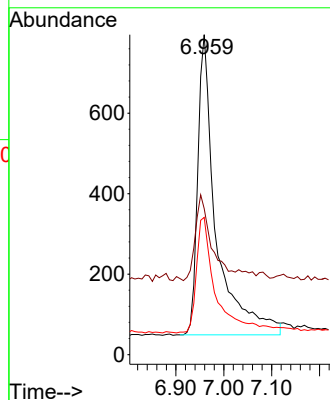
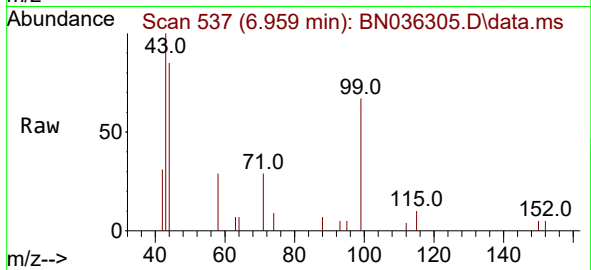




#5
Phenol-d6
Concen: 0.324 ng
RT: 6.959 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

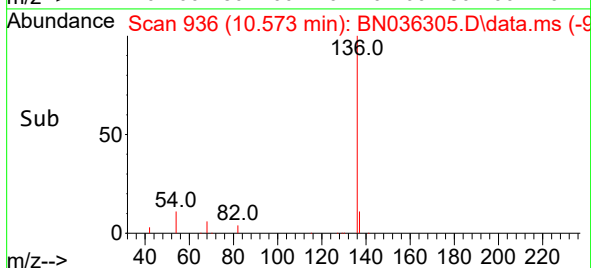
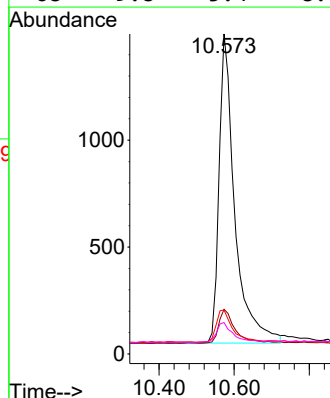
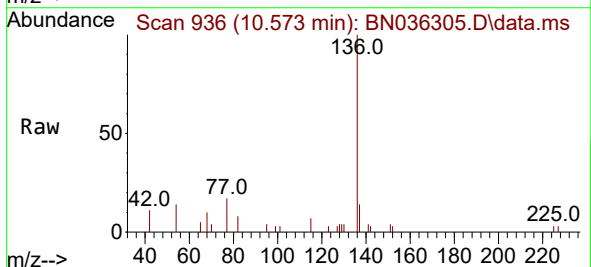
Instrument :
BNA_N
ClientSampleId :
PB166470BL

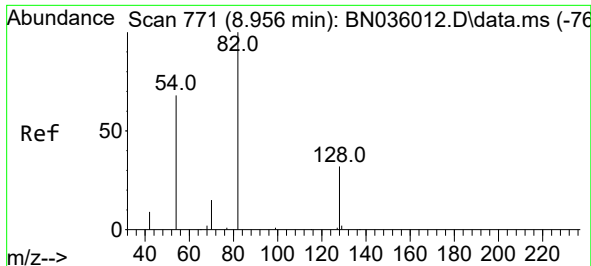
Tgt Ion: 99 Resp: 1997
Ion Ratio Lower Upper
99 100
42 24.9 26.8 40.2#
71 41.0 36.6 55.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

Tgt Ion: 136 Resp: 4203
Ion Ratio Lower Upper
136 100
137 14.0 10.4 15.6
54 13.8 7.7 11.5#
68 9.8 5.4 8.0#

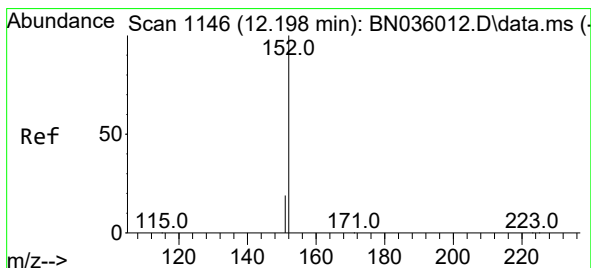
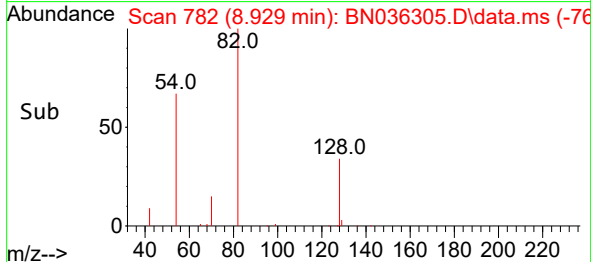
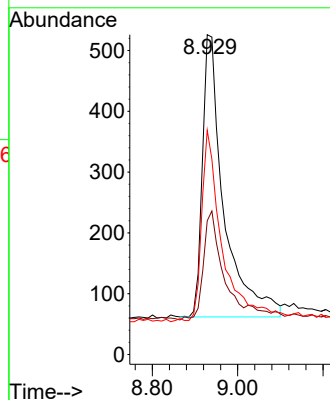
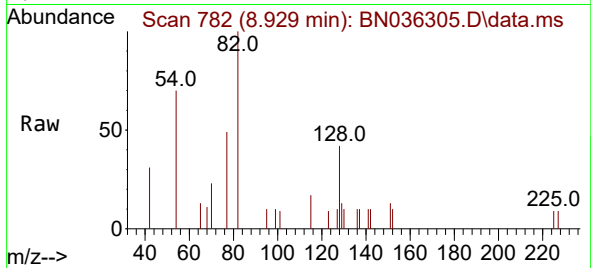




#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 8.929 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

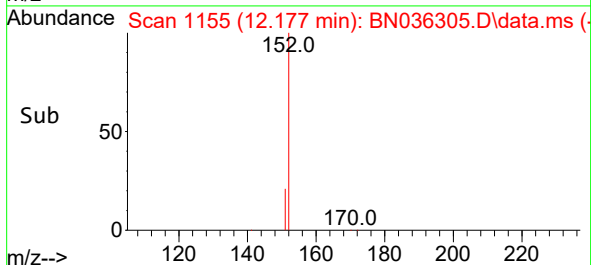
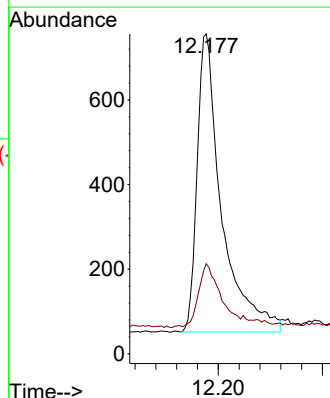
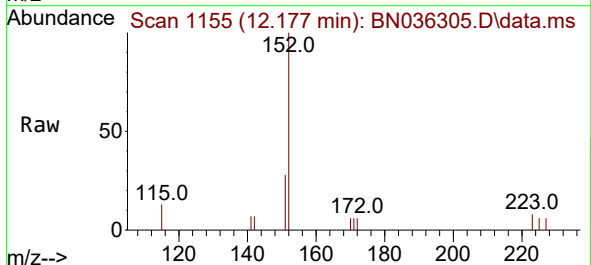
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BNA_N
ClientSampleId :
PB166470BL

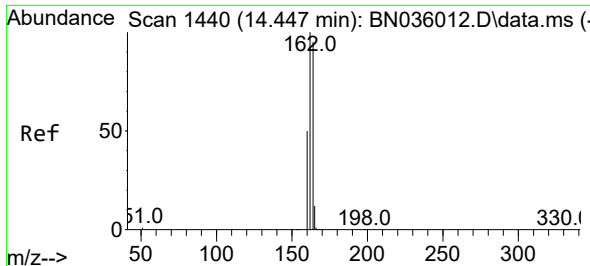
Tgt Ion: 82 Resp: 1617
Ion Ratio Lower Upper
82 100
128 41.8 28.8 43.2
54 70.2 55.8 83.8



#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.177 min Scan# 1155
Delta R.T. 0.020 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

Tgt Ion:152 Resp: 2294
Ion Ratio Lower Upper
152 100
151 19.5 16.6 25.0

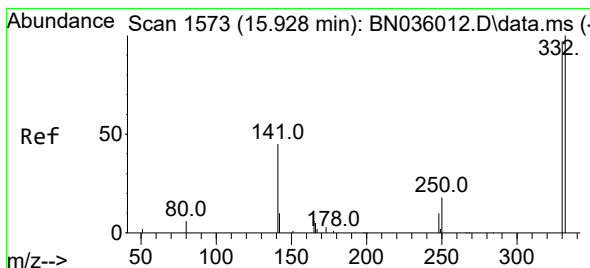
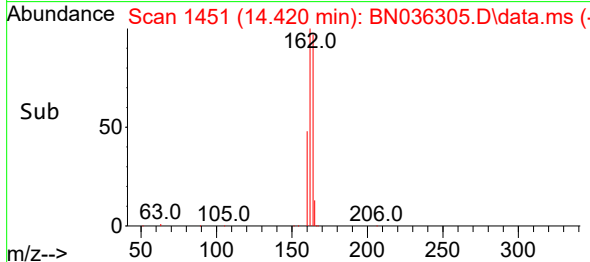
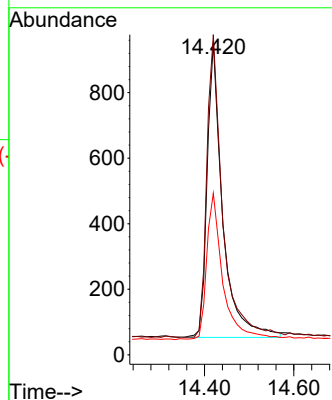
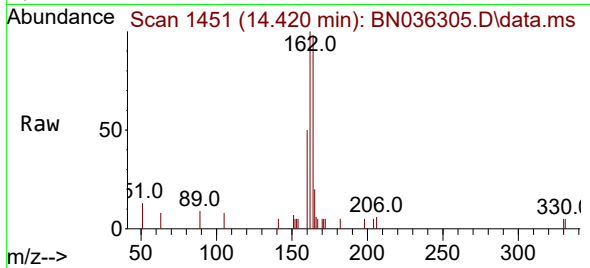




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.420 min Scan# 1440
 Delta R.T. 0.011 min
 Lab File: BN036305.D
 Acq: 05 Feb 2025 19:59

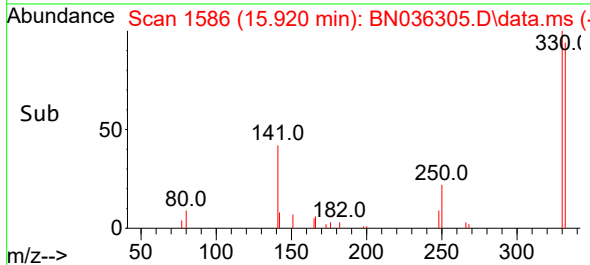
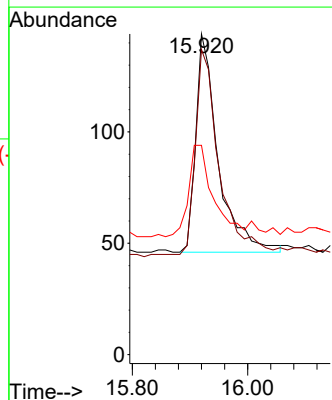
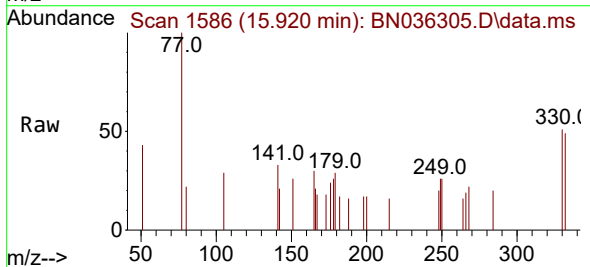
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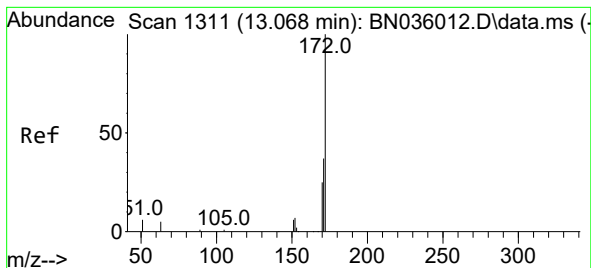
Tgt Ion:164 Resp: 2165
 Ion Ratio Lower Upper
 164 100
 162 102.5 84.1 126.1
 160 51.7 43.8 65.8



#14
 2,4,6-Tribromophenol
 Concen: 0.191 ng
 RT: 15.920 min Scan# 1586
 Delta R.T. 0.012 min
 Lab File: BN036305.D
 Acq: 05 Feb 2025 19:59

Tgt Ion:330 Resp: 265
 Ion Ratio Lower Upper
 330 100
 332 98.1 81.0 121.4
 141 46.0 36.7 55.1

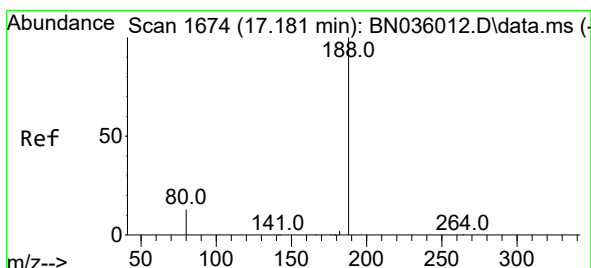
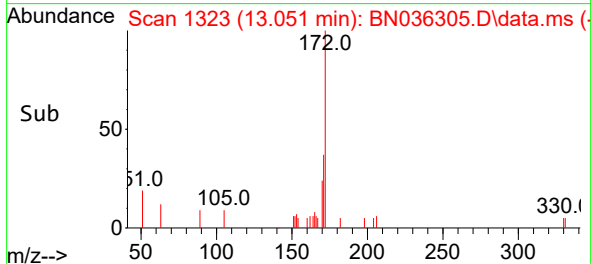
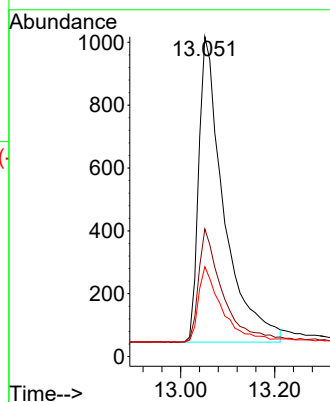
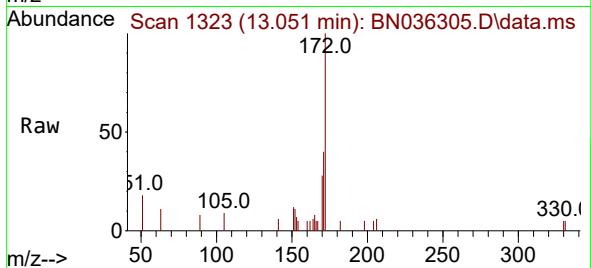




#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.051 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

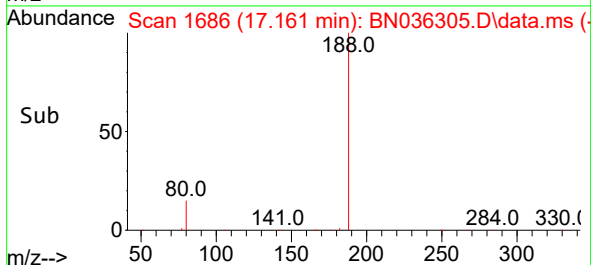
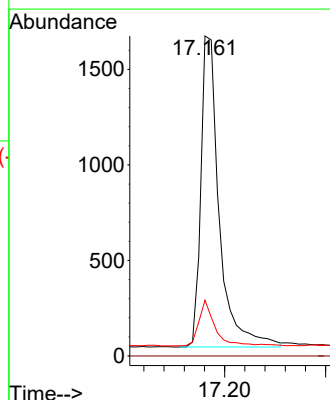
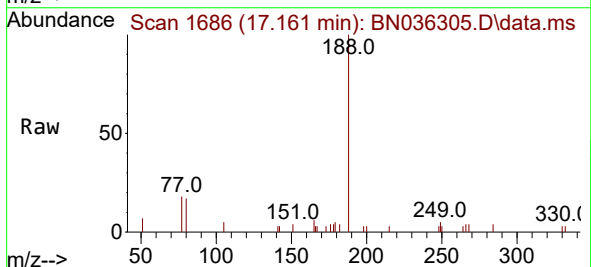
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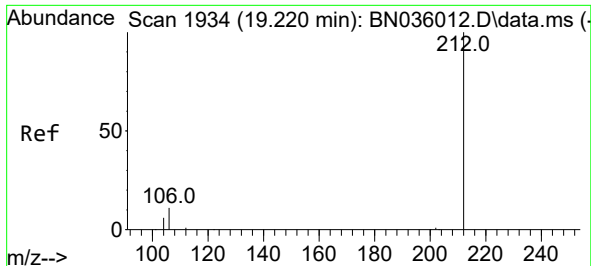
Tgt Ion:172 Resp: 3408
Ion Ratio Lower Upper
172 100
171 39.9 30.9 46.3
170 28.1 21.2 31.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.161 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

Tgt Ion:188 Resp: 4132
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.4 12.3 18.5

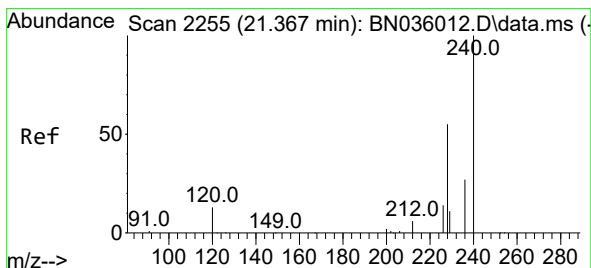
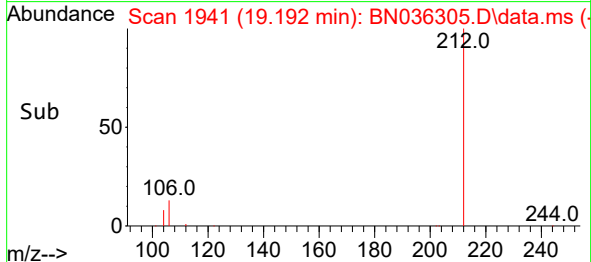
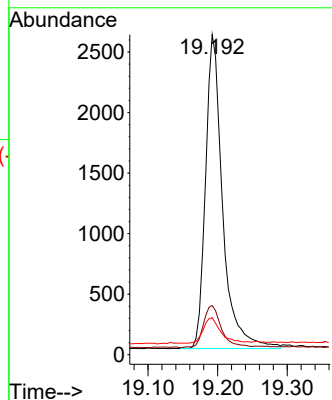
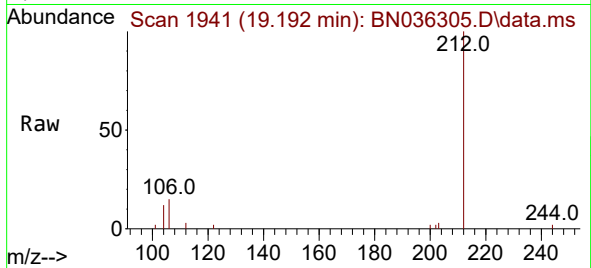




#27
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.192 min Scan# 1941
Delta R.T. 0.005 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

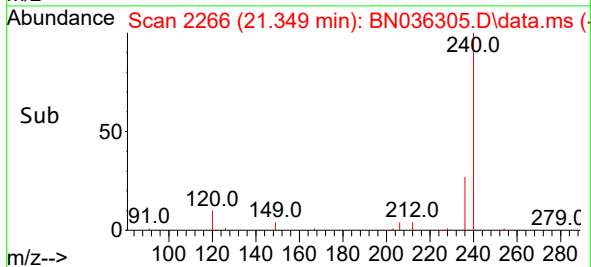
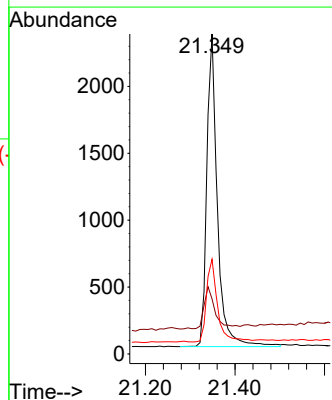
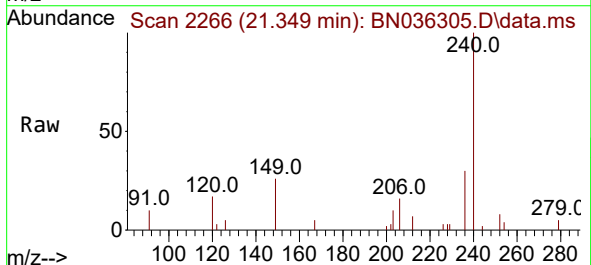
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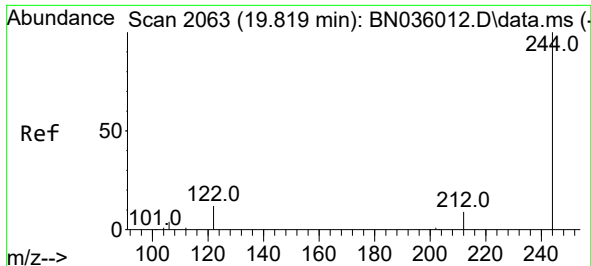
Tgt Ion:212 Resp: 4421
Ion Ratio Lower Upper
212 100
106 14.0 9.7 14.5
104 8.3 6.0 9.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.349 min Scan# 2266
Delta R.T. 0.009 min
Lab File: BN036305.D
Acq: 05 Feb 2025 19:59

Tgt Ion:240 Resp: 3837
Ion Ratio Lower Upper
240 100
120 17.2 13.9 20.9
236 29.6 23.7 35.5

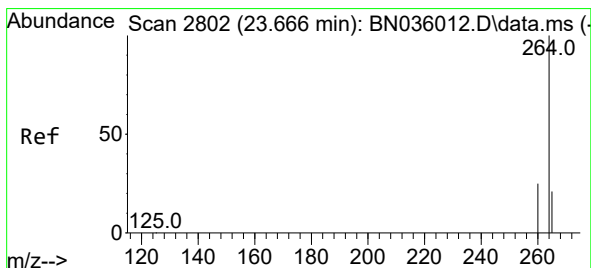
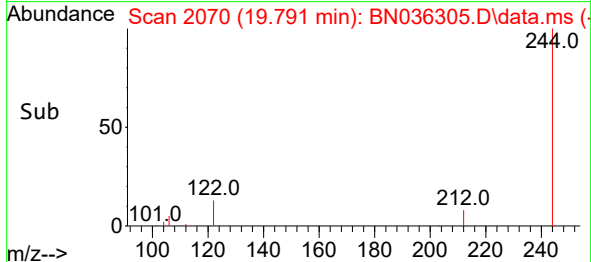
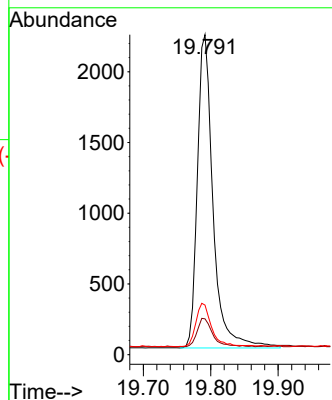
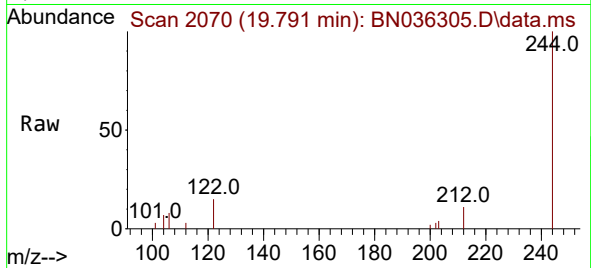




#31
 Terphenyl-d14
 Concen: 0.449 ng
 RT: 19.791 min Scan# 2063
 Delta R.T. -0.000 min
 Lab File: BN036305.D
 Acq: 05 Feb 2025 19:59

Instrument :
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 ClientSampleId :
 PB166470BL

Tgt Ion:244 Resp: 3578
 Ion Ratio Lower Upper
 244 100
 212 11.2 9.1 13.7
 122 15.5 11.3 16.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.630 min Scan# 2803
 Delta R.T. 0.003 min
 Lab File: BN036305.D
 Acq: 05 Feb 2025 19:59

Tgt Ion:264 Resp: 4121
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.8 32.6
 265 125.0 56.6 84.8#

