

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041425\
 Data File : BN036907.D
 Acq On : 14 Apr 2025 19:28
 Operator : RC/JU
 Sample : PB167565BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167565BL

Quant Time: Apr 15 01:03:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:58:02 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	1388	0.400	ng	0.00
7) Naphthalene-d8	10.426	136	3148	0.400	ng	0.01
13) Acenaphthene-d10	14.277	164	1625	0.400	ng	0.00
19) Phenanthrene-d10	17.033	188	3203	0.400	ng	# 0.00
29) Chrysene-d12	21.224	240	2249	0.400	ng	# 0.00
35) Perylene-d12	23.439	264	1884	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	1402	0.427	ng	0.00
5) Phenol-d6	6.809	99	1482	0.360	ng	0.00
8) Nitrobenzene-d5	8.792	82	1291	0.363	ng	0.01
11) 2-Methylnaphthalene-d10	12.021	152	1679	0.366	ng	0.01
14) 2,4,6-Tribromophenol	15.780	330	227	0.291	ng	0.00
15) 2-Fluorobiphenyl	12.909	172	3269	0.417	ng	0.00
27) Fluoranthene-d10	19.068	212	3368	0.398	ng	0.00
31) Terphenyl-d14	19.672	244	2308	0.469	ng	0.00

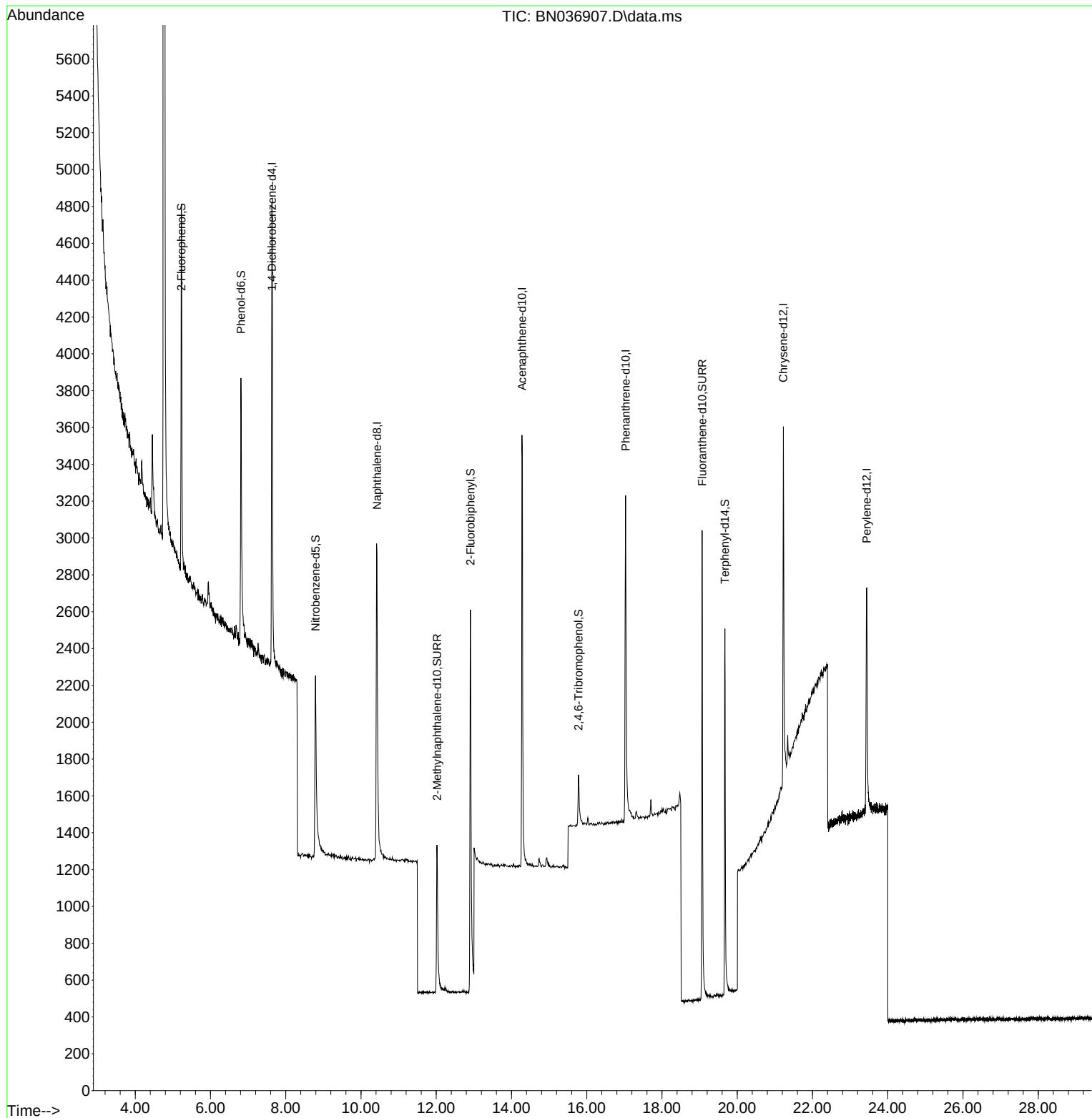
Target Compounds Qvalue

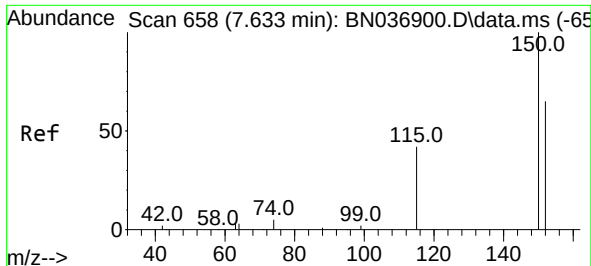
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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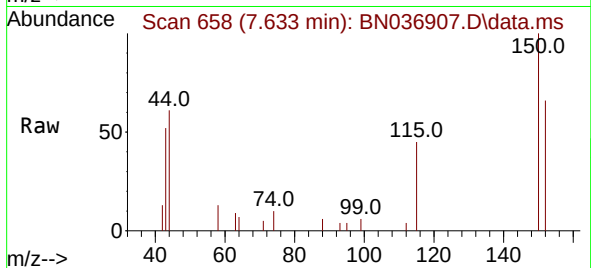
Quant Time: Apr 15 01:03:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041425.M
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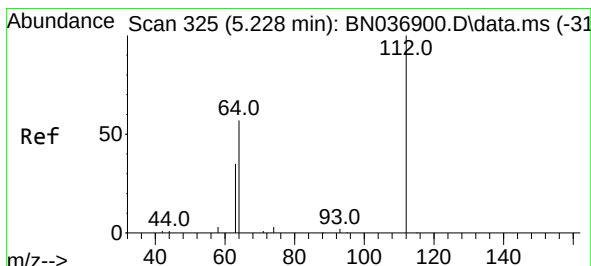
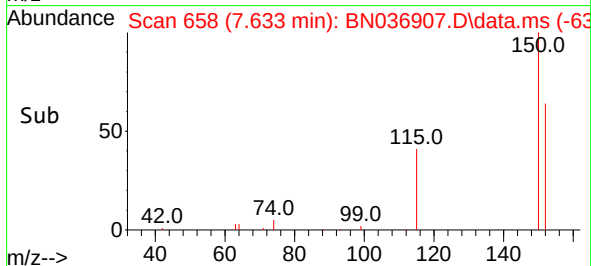
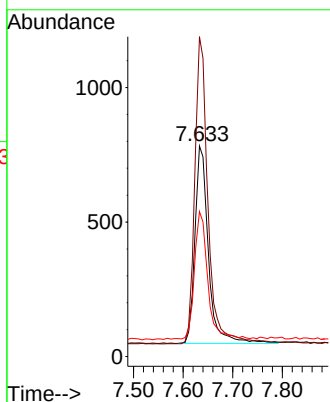
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.633 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN036907.D
 Acq: 14 Apr 2025 19:28

Instrument :
 BNA_N
 ClientSampleId :
 PB167565BL



Tgt Ion:152 Resp: 1388

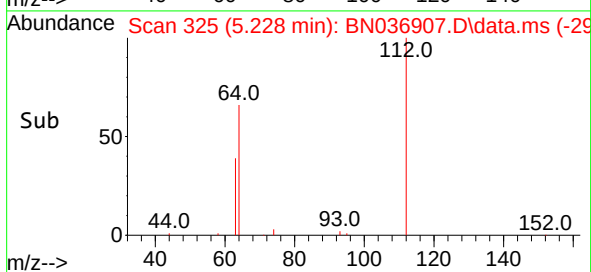
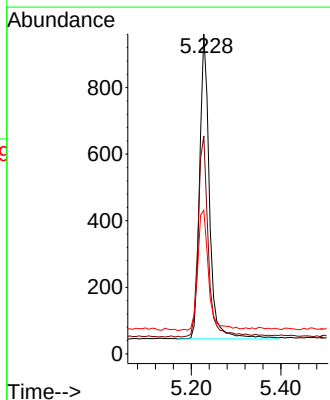
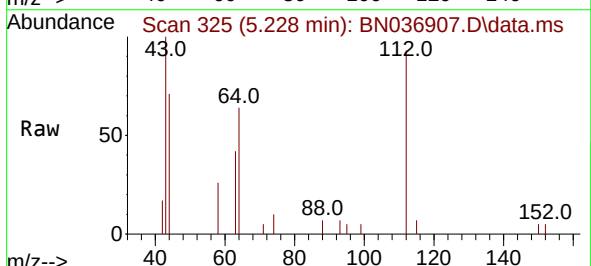
Ion	Ratio	Lower	Upper
152	100		
150	151.9	121.4	182.2
115	68.8	55.4	83.2

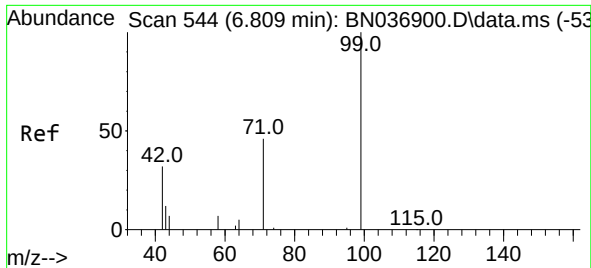


#4
 2-Fluorophenol
 Concen: 0.427 ng
 RT: 5.228 min Scan# 325
 Delta R.T. 0.000 min
 Lab File: BN036907.D
 Acq: 14 Apr 2025 19:28

Tgt Ion:112 Resp: 1402

Ion	Ratio	Lower	Upper
112	100		
64	67.8	54.4	81.6
63	44.2	35.1	52.7

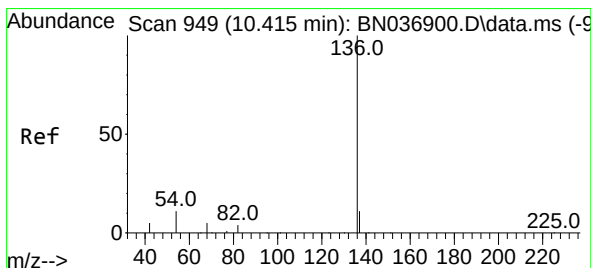
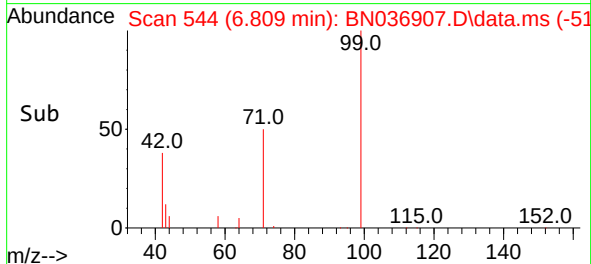
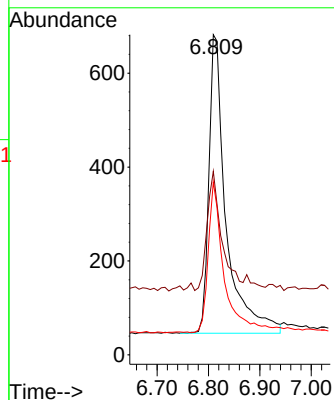
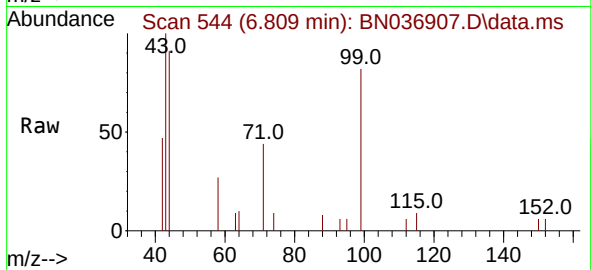




#5
Phenol-d6
Concen: 0.360 ng
RT: 6.809 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

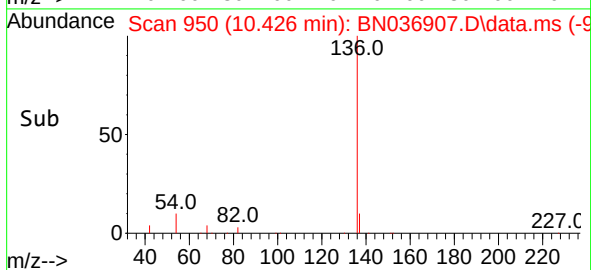
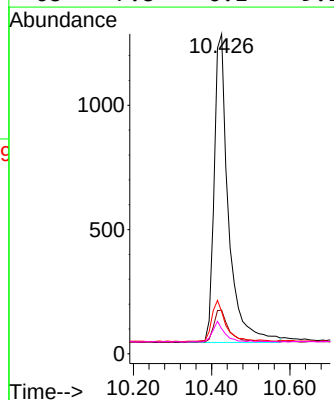
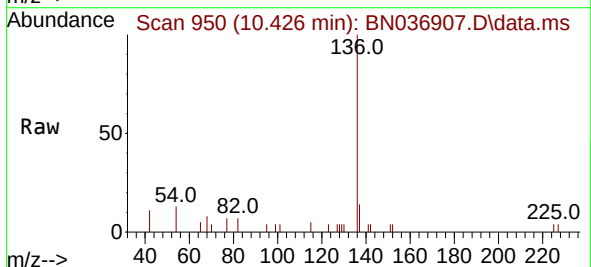
Instrument :
BNA_N
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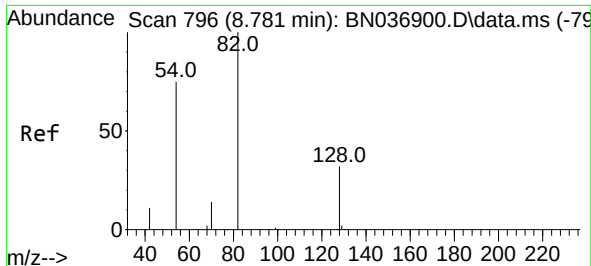
Tgt Ion:	99	Resp:	1482
Ion	Ratio	Lower	Upper
99	100		
42	34.0	30.6	45.8
71	48.8	38.0	57.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.426 min Scan# 950
Delta R.T. 0.011 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

Tgt Ion:	136	Resp:	3148
Ion	Ratio	Lower	Upper
136	100		
137	13.7	10.6	15.8
54	13.2	10.6	16.0
68	7.8	6.1	9.1

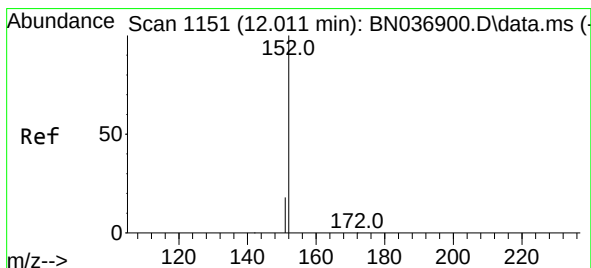
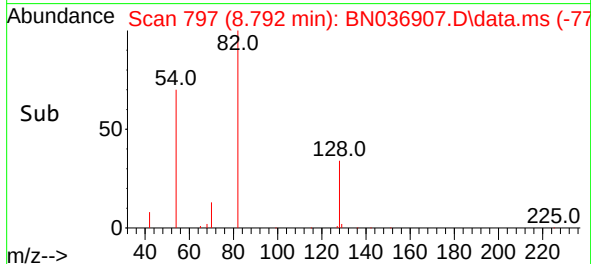
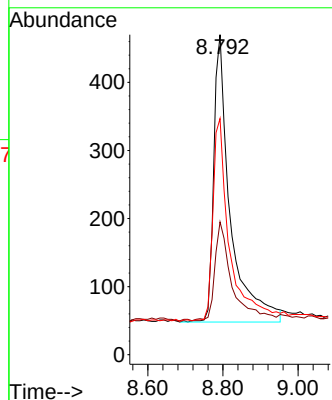
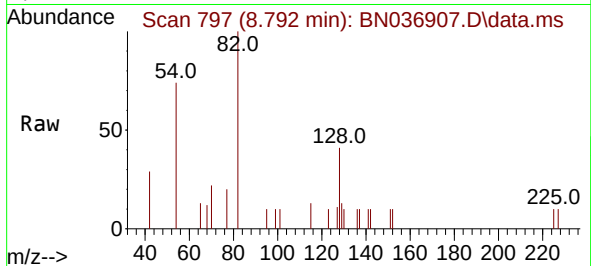




#8
 Nitrobenzene-d5
 Concen: 0.363 ng
 RT: 8.792 min Scan# 796
 Delta R.T. 0.011 min
 Lab File: BN036907.D
 Acq: 14 Apr 2025 19:28

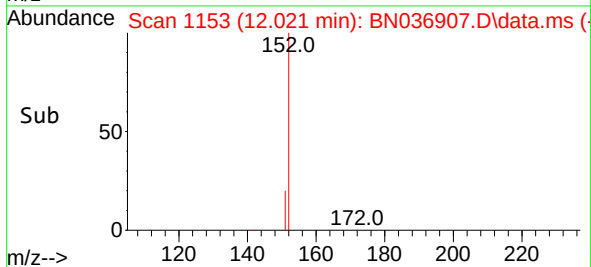
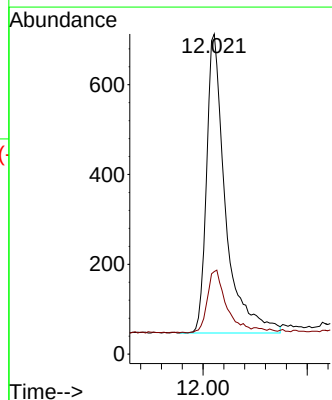
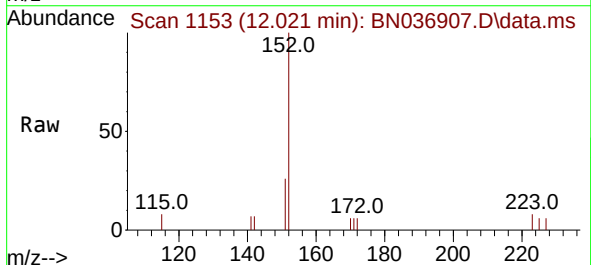
Instrument :
 BNA_N
 ClientSampleId :
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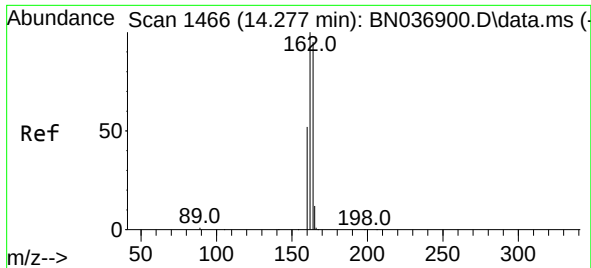
Tgt Ion: 82 Resp: 1291
 Ion Ratio Lower Upper
 82 100
 128 41.5 29.0 43.4
 54 73.8 60.8 91.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.366 ng
 RT: 12.021 min Scan# 1153
 Delta R.T. 0.010 min
 Lab File: BN036907.D
 Acq: 14 Apr 2025 19:28

Tgt Ion: 152 Resp: 1679
 Ion Ratio Lower Upper
 152 100
 151 21.1 17.1 25.7

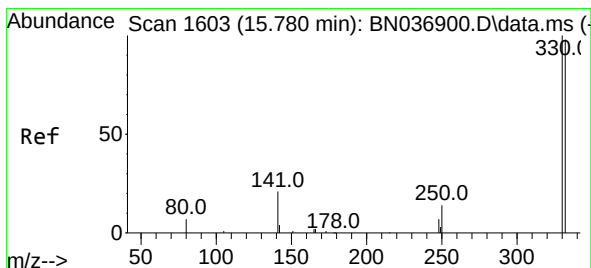
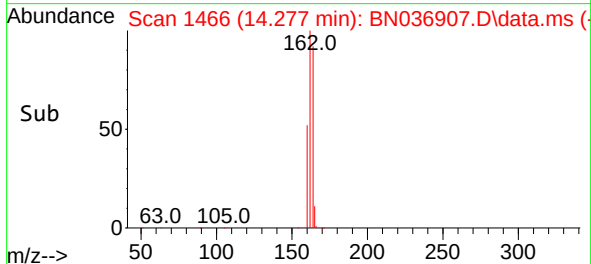
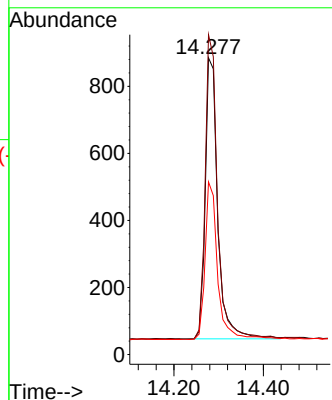
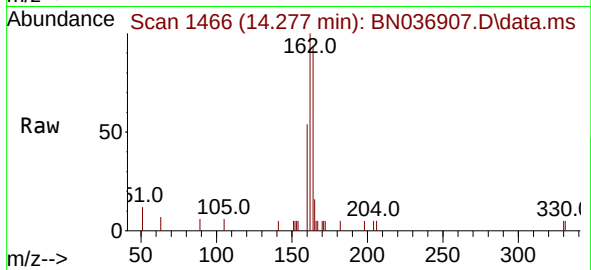




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

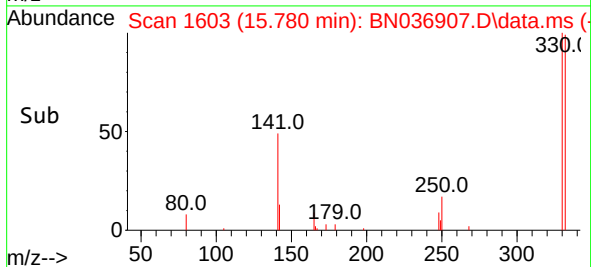
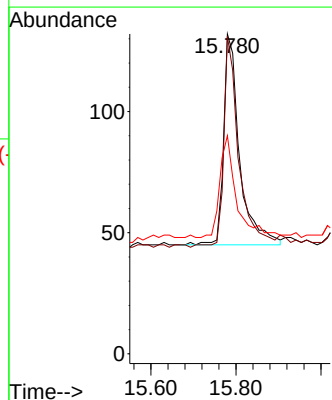
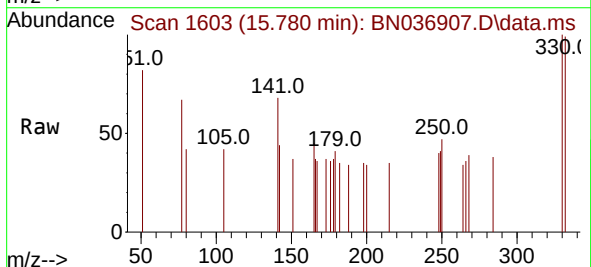
Instrument :
BNA_N
ClientSampleId :
PB167565BL

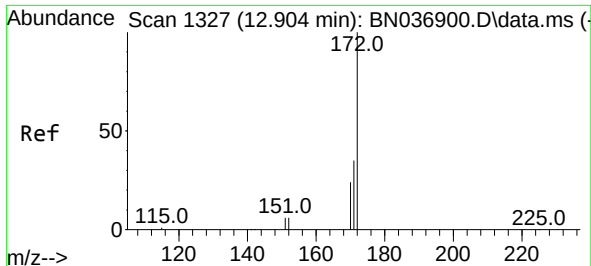
Tgt Ion:164 Resp: 1625
Ion Ratio Lower Upper
164 100
162 107.8 83.8 125.8
160 58.2 44.7 67.1



#14
2,4,6-Tribromophenol
Concen: 0.291 ng
RT: 15.780 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

Tgt Ion:330 Resp: 227
Ion Ratio Lower Upper
330 100
332 94.7 77.0 115.6
141 50.7 44.5 66.7

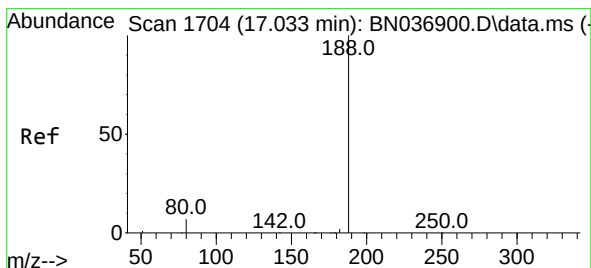
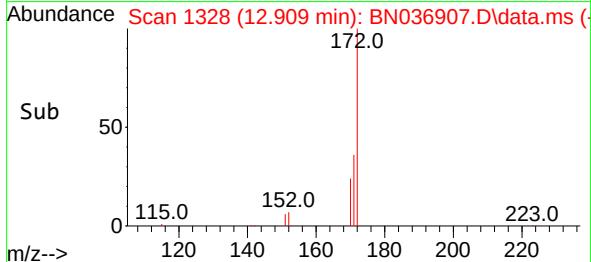
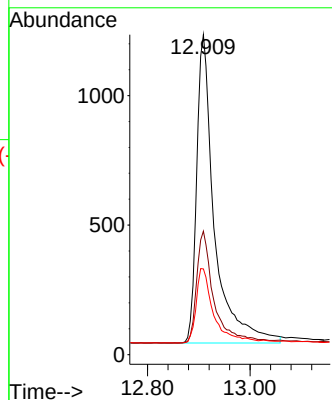
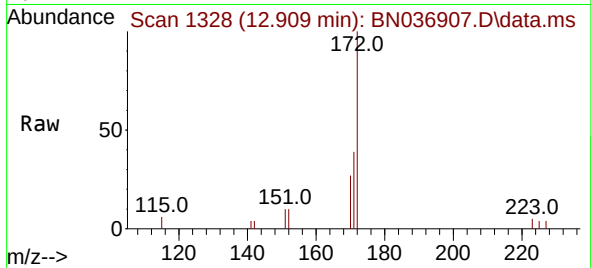




#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 12.909 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

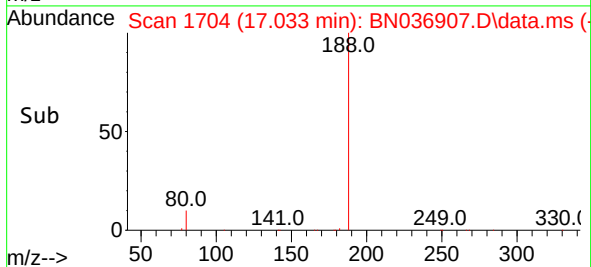
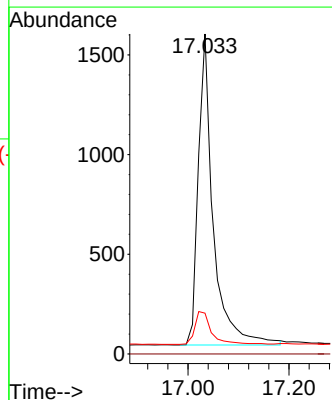
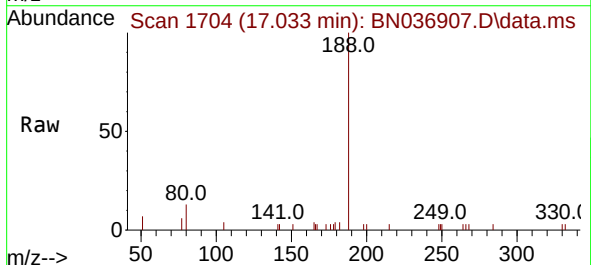
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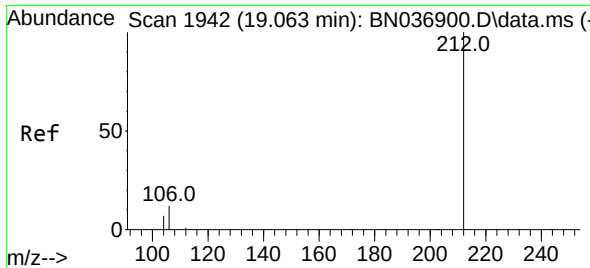
Tgt Ion:172 Resp: 3269
Ion Ratio Lower Upper
172 100
171 38.6 29.2 43.8
170 26.8 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.033 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

Tgt Ion:188 Resp: 3203
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 7.1 10.7#

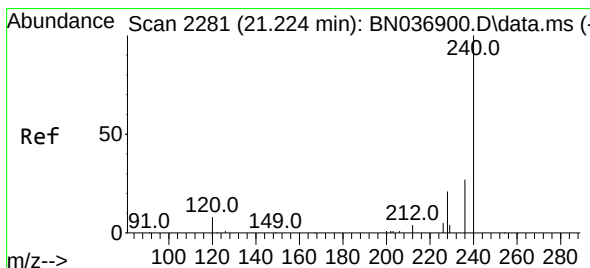
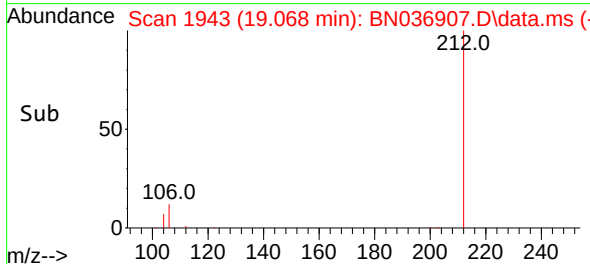
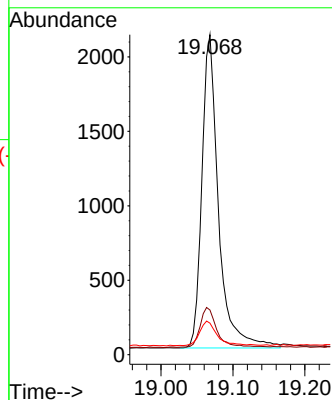
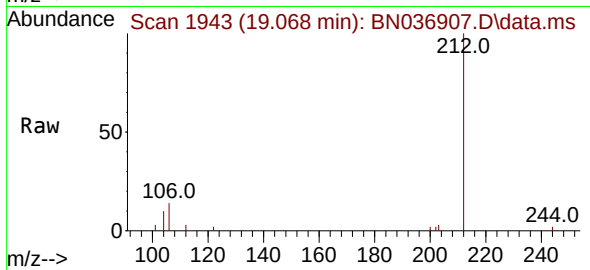




#27
Fluoranthene-d10
Concen: 0.398 ng
RT: 19.068 min Scan# 1943
Delta R.T. 0.005 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

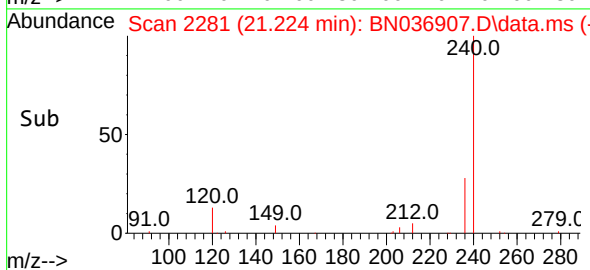
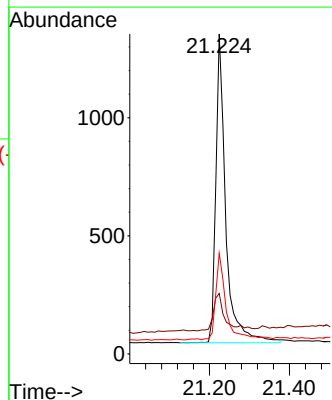
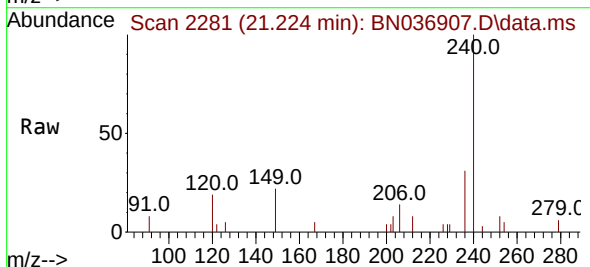
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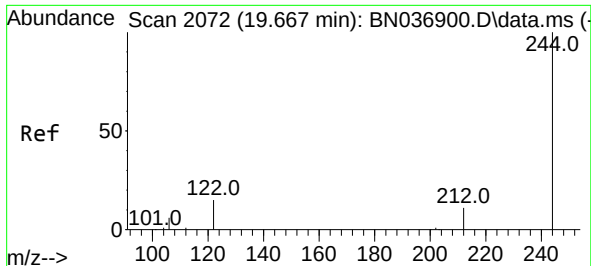
Tgt Ion:212 Resp: 3368
Ion Ratio Lower Upper
212 100
106 12.8 10.6 15.8
104 8.0 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.224 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

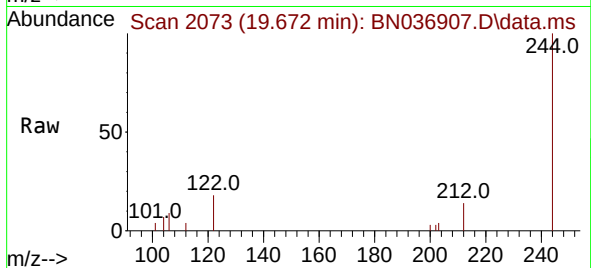
Tgt Ion:240 Resp: 2249
Ion Ratio Lower Upper
240 100
120 18.9 9.8 14.6#
236 31.4 23.1 34.7



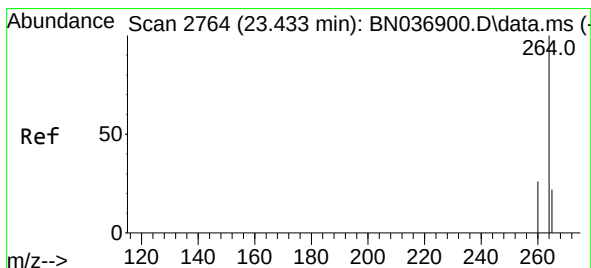
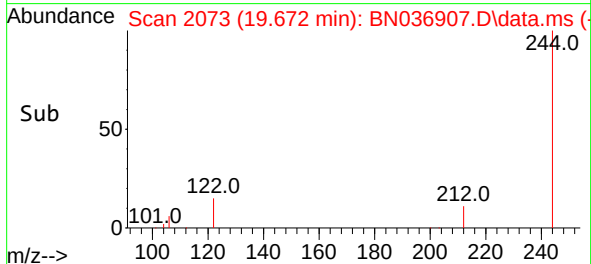
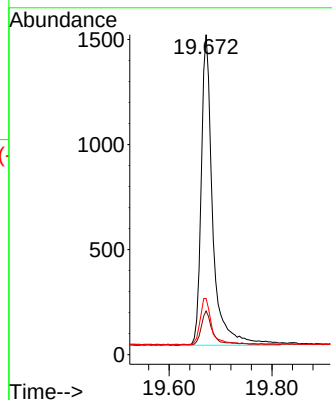


#31
Terphenyl-d14
Concen: 0.469 ng
RT: 19.672 min Scan# 2073
Delta R.T. 0.005 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

Instrument :
BNA_N
ClientSampleId :
PB167565BL



Tgt Ion:244 Resp: 2308
Ion Ratio Lower Upper
244 100
212 13.7 10.1 15.1
122 17.5 13.6 20.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.439 min Scan# 2766
Delta R.T. 0.006 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

Tgt Ion:264 Resp: 1884
Ion Ratio Lower Upper
264 100
260 28.6 22.3 33.5
265 107.2 57.6 86.4#

