

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011823\
 Data File : BN023706.D
 Acq On : 18 Jan 2023 16:54
 Operator : CG/JU
 Sample : N3980-01
 Misc : LOD-MDL-SOIL 0.2ng
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Quant Time: Jan 19 07:53:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 07:52:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	4315	0.400	ng	0.00
7) Naphthalene-d8	10.819	136	11511	0.400	ng	# 0.01
13) Acenaphthene-d10	14.645	164	6237	0.400	ng	0.00
19) Phenanthrene-d10	17.402	188	14059	0.400	ng	# 0.01
29) Chrysene-d12	21.589	240	10926	0.400	ng	0.00
35) Perylene-d12	24.062	264	8118	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.529	112	2664	0.294	ng	0.00
5) Phenol-d6	7.154	99	3197	0.296	ng	0.00
8) Nitrobenzene-d5	9.164	82	2343	0.257	ng	0.01
11) 2-Methylnaphthalene-d10	12.405	152	8051	0.506	ng	0.00
14) 2,4,6-Tribromophenol	16.136	330	661	0.249	ng	0.00
15) 2-Fluorobiphenyl	13.277	172	6740	0.254	ng	0.01
27) Fluoranthene-d10	19.431	212	13784	0.418	ng	0.00
31) Terphenyl-d14	20.022	244	4874	0.283	ng	0.00

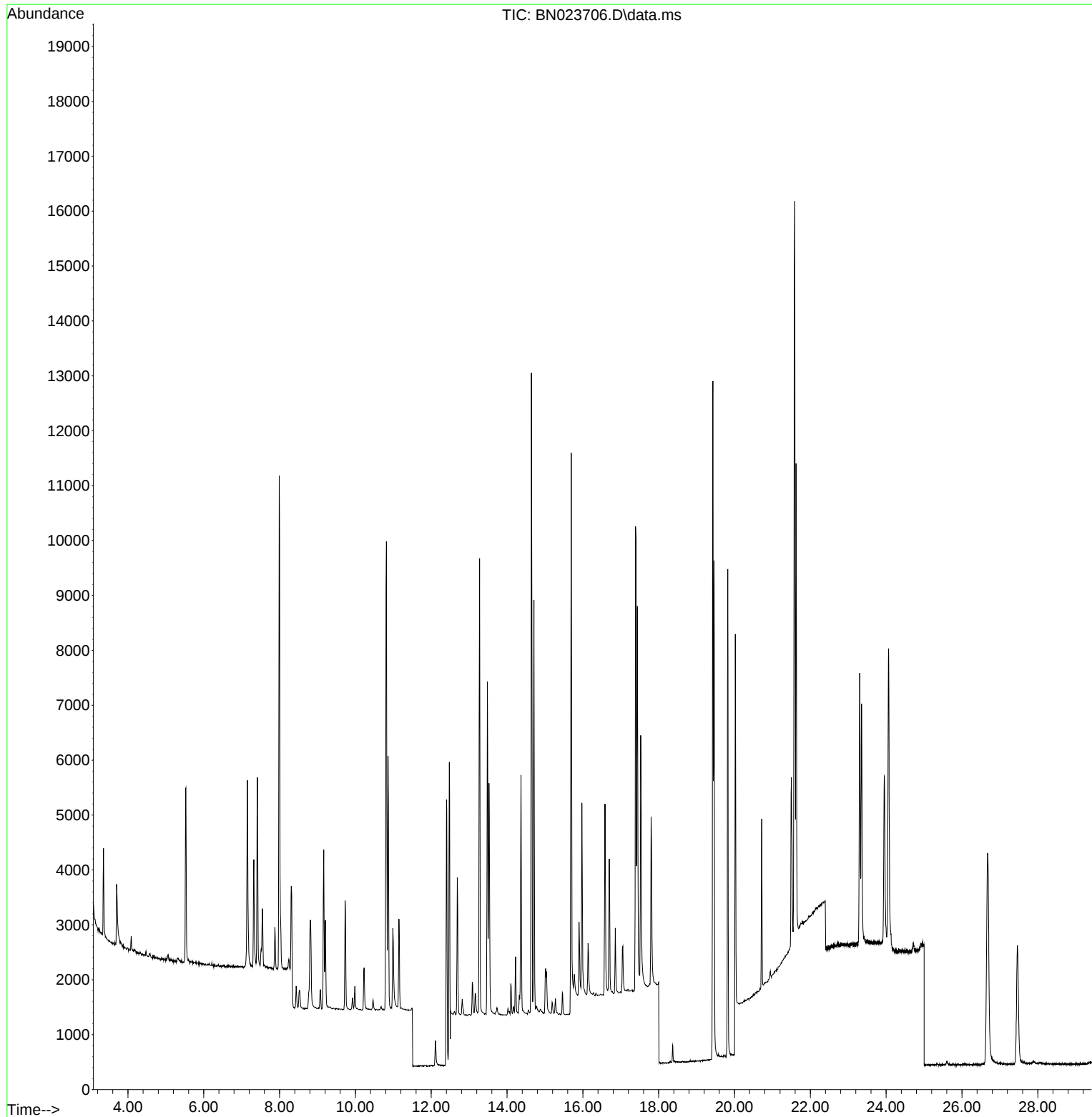
Target Compounds Qvalue

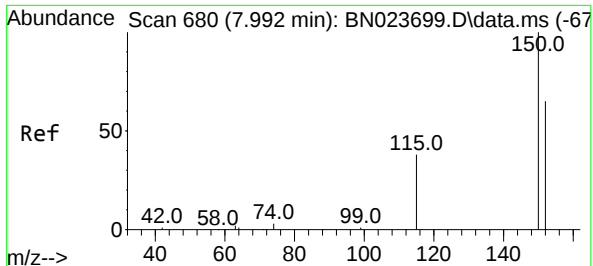
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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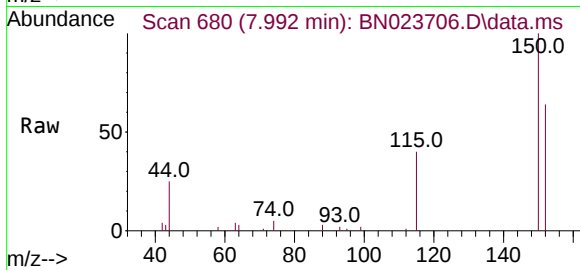
Quant Time: Jan 19 07:53:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
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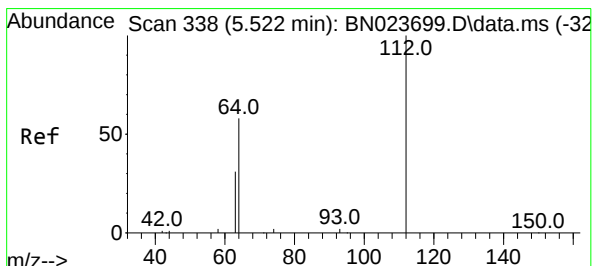
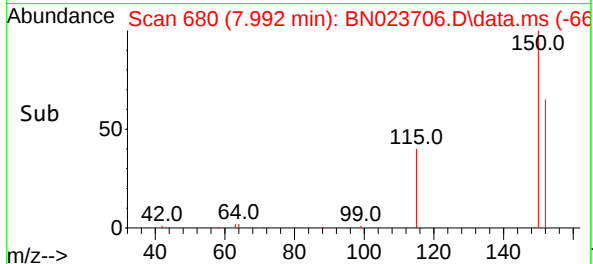
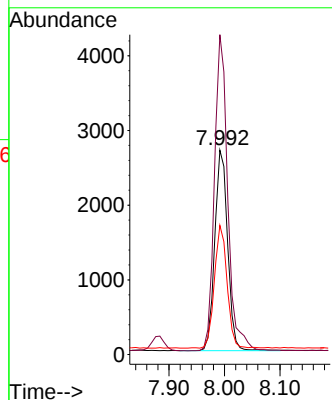


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.992 min Scan# 680
 Delta R.T. -0.000 min
 Lab File: BN023706.D
 Acq: 18 Jan 2023 16:54

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

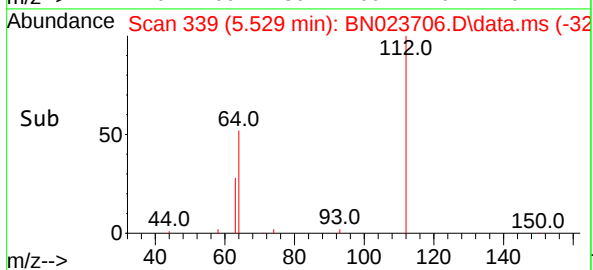
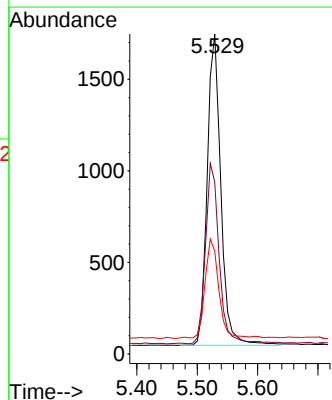
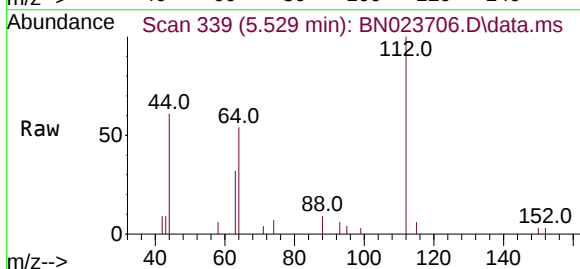


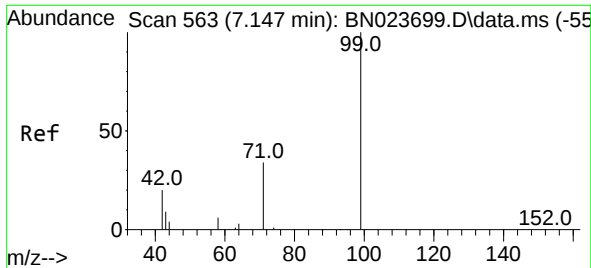
Tgt Ion:152 Resp: 4315
 Ion Ratio Lower Upper
 152 100
 150 156.5 122.4 183.6
 115 63.2 48.2 72.4



#4
 2-Fluorophenol
 Concen: 0.294 ng
 RT: 5.529 min Scan# 339
 Delta R.T. 0.007 min
 Lab File: BN023706.D
 Acq: 18 Jan 2023 16:54

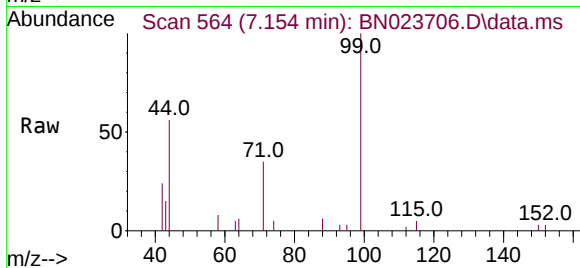
Tgt Ion:112 Resp: 2664
 Ion Ratio Lower Upper
 112 100
 64 58.4 45.8 68.8
 63 32.2 25.3 37.9



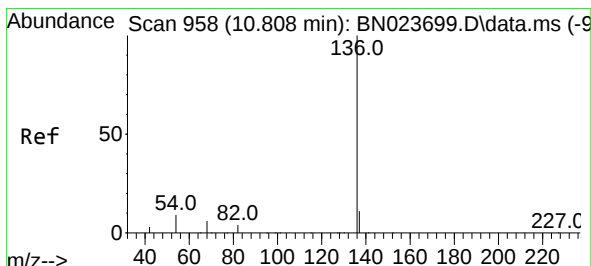
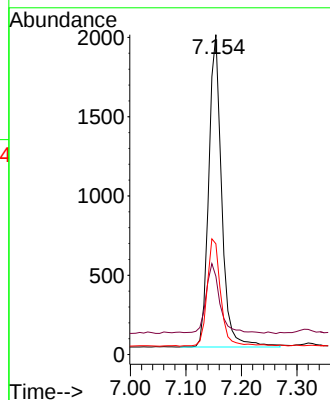
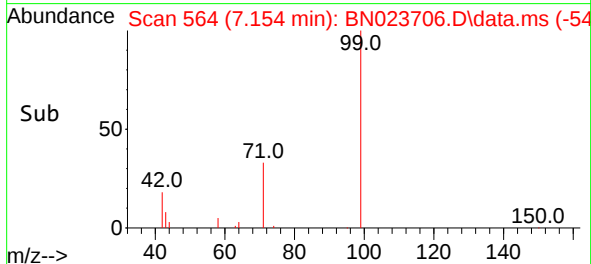


#5
Phenol-d6
Concen: 0.296 ng
RT: 7.154 min Scan# 564
Delta R.T. 0.007 min
Lab File: BN023706.D
Acq: 18 Jan 2023 16:54

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

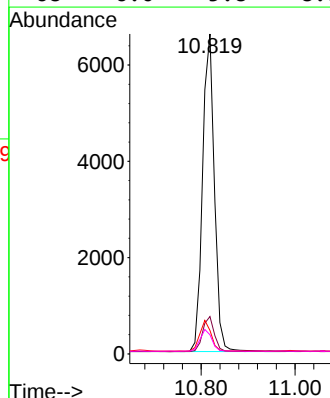
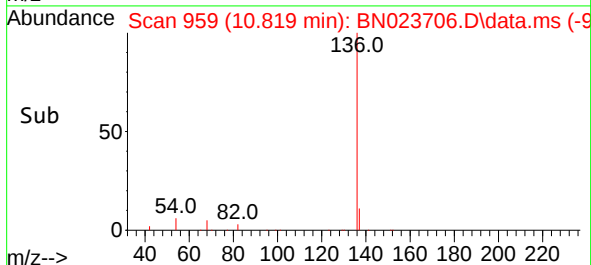
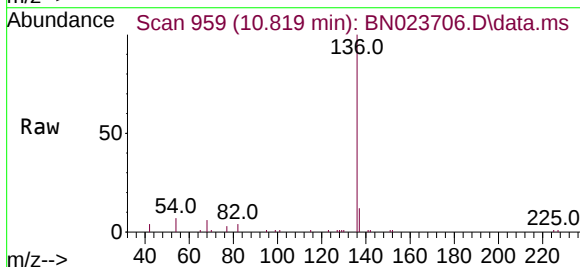


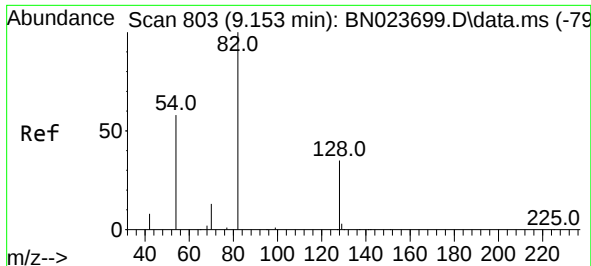
Tgt Ion:	99	Resp:	3197
Ion	Ratio	Lower	Upper
99	100		
42	23.5	19.4	29.0
71	36.3	28.7	43.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.819 min Scan# 959
Delta R.T. 0.011 min
Lab File: BN023706.D
Acq: 18 Jan 2023 16:54

Tgt Ion:	136	Resp:	11511
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	7.3	7.5	11.3
68	6.0	5.8	8.8

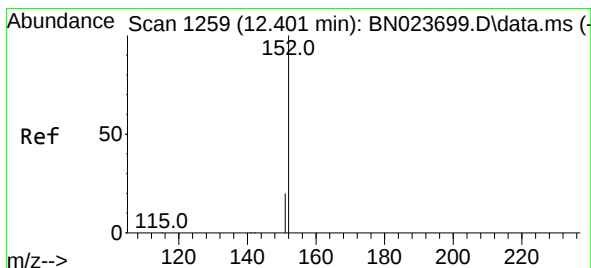
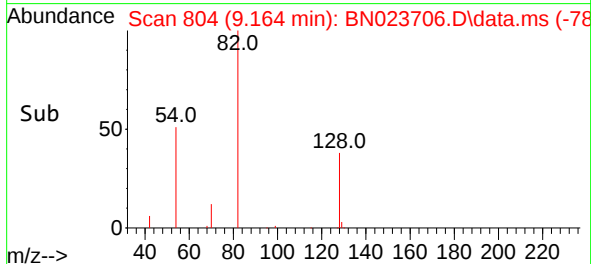
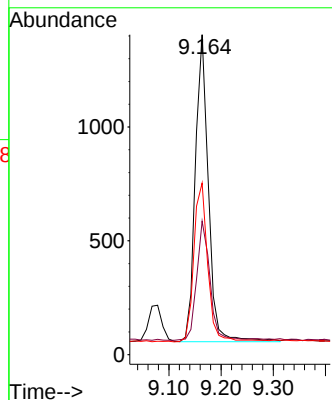
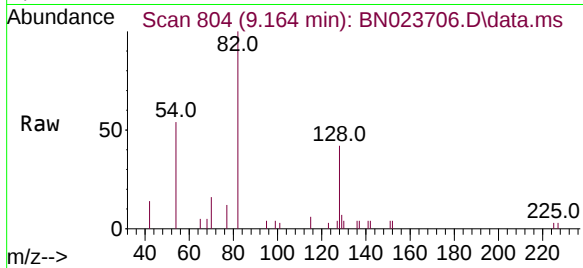




#8
Nitrobenzene-d5
Concen: 0.257 ng
RT: 9.164 min Scan# 80
Delta R.T. 0.011 min
Lab File: BN023706.D
Acq: 18 Jan 2023 16:54

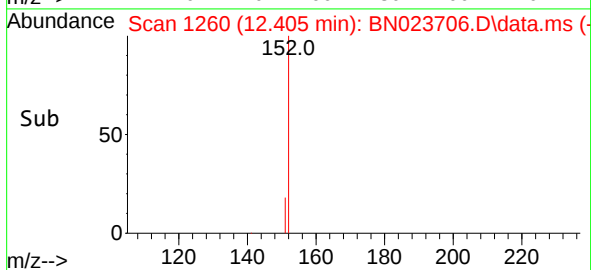
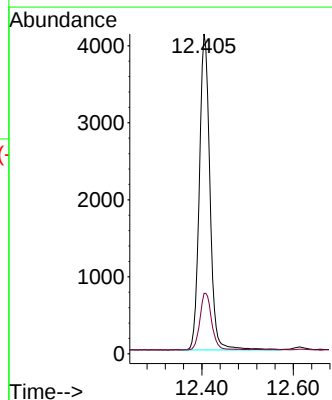
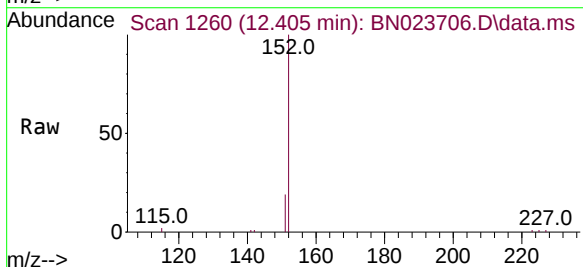
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

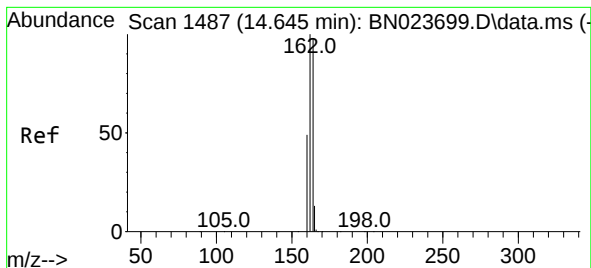
Tgt Ion: 82 Resp: 2343
Ion Ratio Lower Upper
82 100
128 41.7 30.2 45.2
54 53.6 47.3 70.9



#11
2-Methylnaphthalene-d10
Concen: 0.506 ng
RT: 12.405 min Scan# 1260
Delta R.T. 0.004 min
Lab File: BN023706.D
Acq: 18 Jan 2023 16:54

Tgt Ion:152 Resp: 8051
Ion Ratio Lower Upper
152 100
151 16.3 17.1 25.7#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.645 min Scan# 1487

Delta R.T. 0.000 min

Lab File: BN023706.D

Acq: 18 Jan 2023 16:54

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

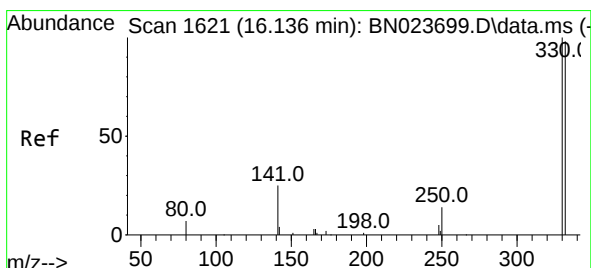
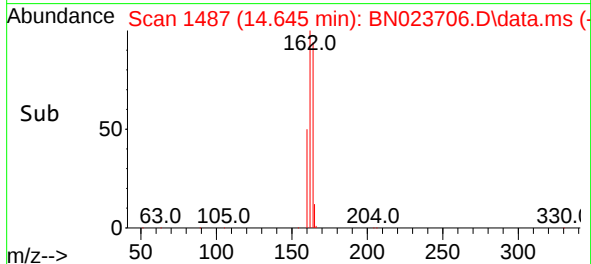
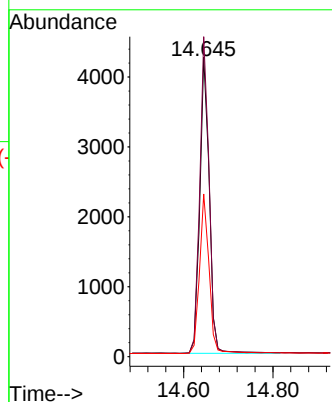
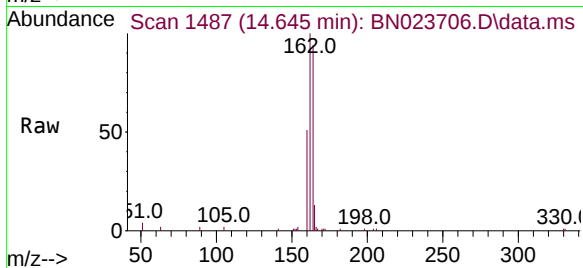
Tgt Ion:164 Resp: 6237

Ion Ratio Lower Upper

164 100

162 106.8 81.8 122.6

160 54.3 40.3 60.5



#14

2,4,6-Tribromophenol

Concen: 0.249 ng

RT: 16.136 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BN023706.D

Acq: 18 Jan 2023 16:54

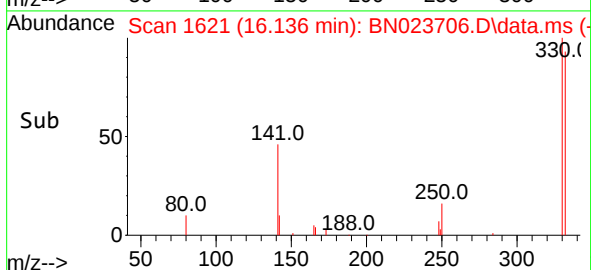
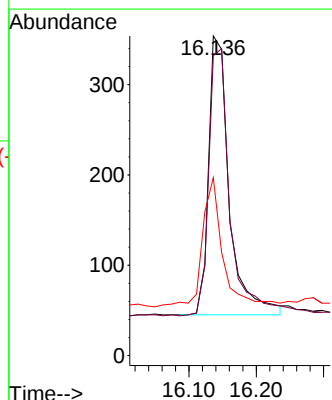
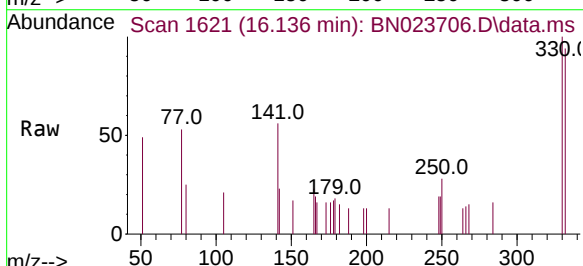
Tgt Ion:330 Resp: 661

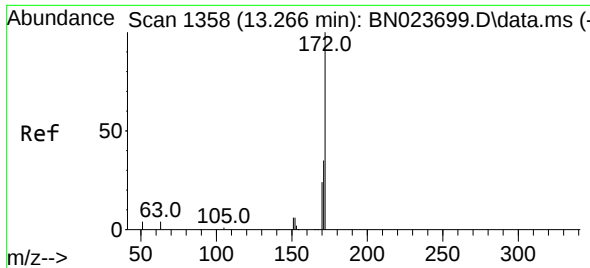
Ion Ratio Lower Upper

330 100

332 98.6 77.6 116.4

141 42.1 35.0 52.4

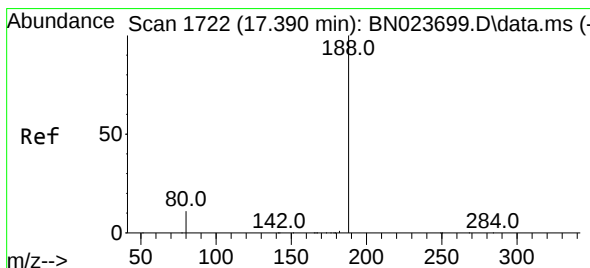
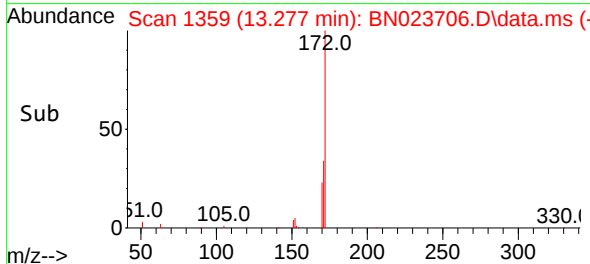
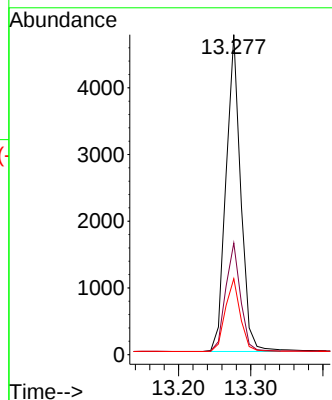
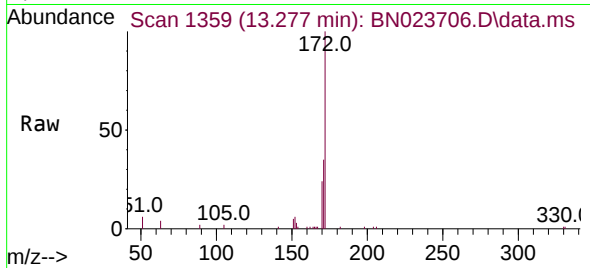




#15
2-Fluorobiphenyl
Concen: 0.254 ng
RT: 13.277 min Scan# 1358
Delta R.T. 0.011 min
Lab File: BN023706.D
Acq: 18 Jan 2023 16:54

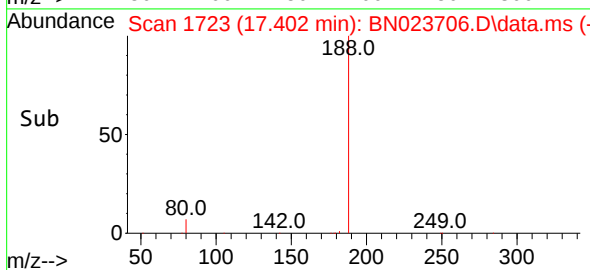
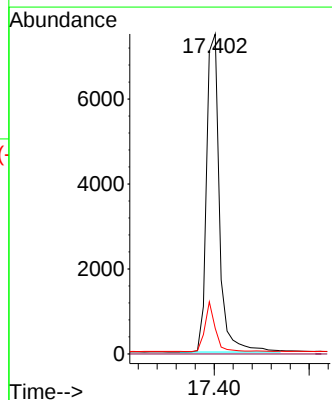
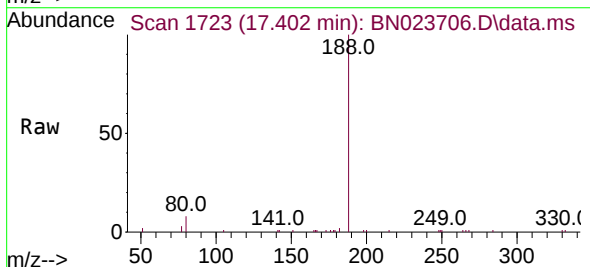
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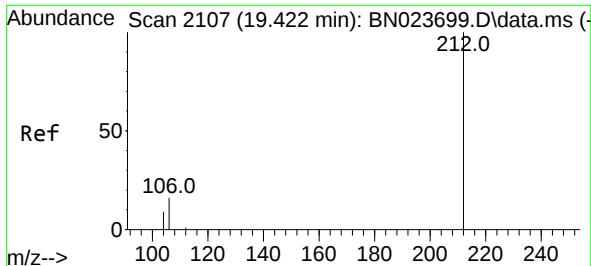
Tgt Ion:	172	Resp:	6740
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.6	42.8
170	23.7	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.402 min Scan# 1723
Delta R.T. 0.013 min
Lab File: BN023706.D
Acq: 18 Jan 2023 16:54

Tgt Ion:	188	Resp:	14059
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.0	9.5	14.3

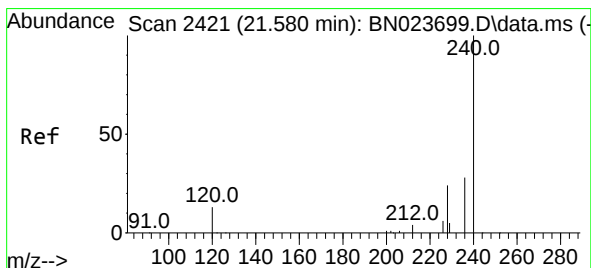
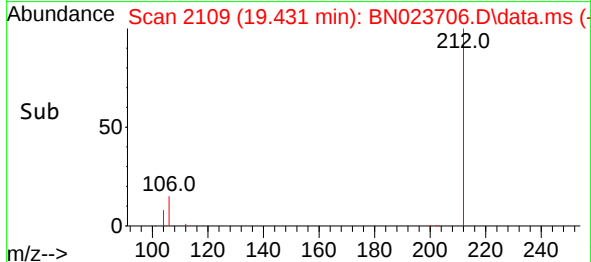
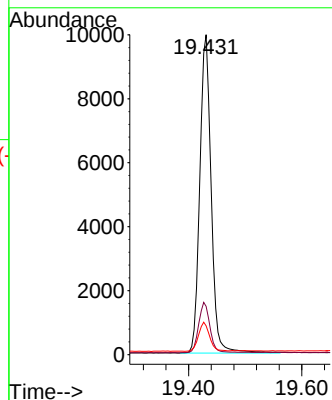
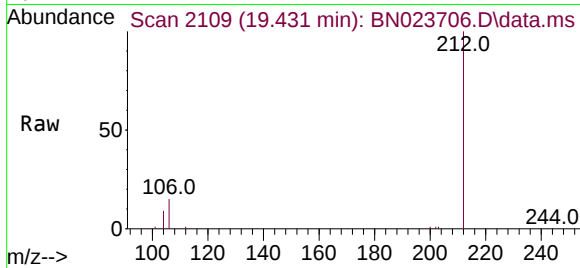




#27
Fluoranthene-d10
Concen: 0.418 ng
RT: 19.431 min Scan# 2109
Delta R.T. 0.009 min
Lab File: BN023706.D
Acq: 18 Jan 2023 16:54

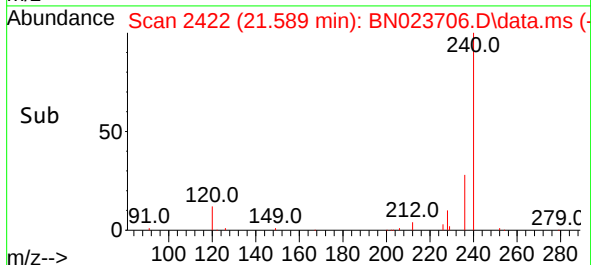
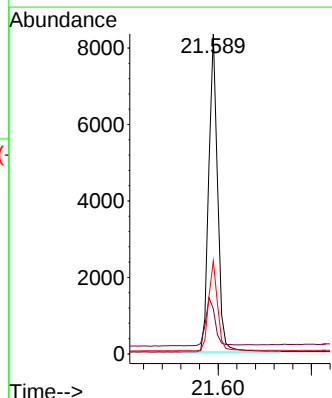
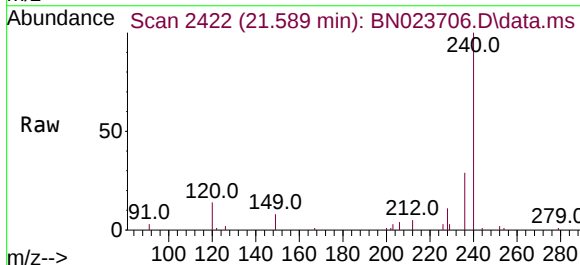
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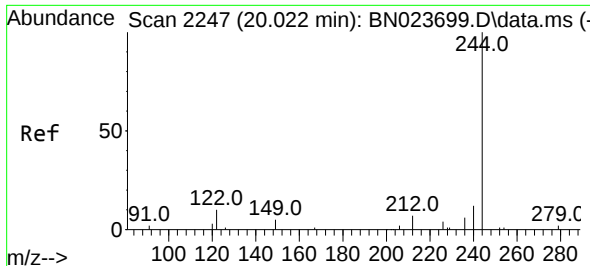
Tgt Ion:212 Resp: 13784
Ion Ratio Lower Upper
212 100
106 15.8 12.4 18.6
104 8.9 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.589 min Scan# 2422
Delta R.T. 0.009 min
Lab File: BN023706.D
Acq: 18 Jan 2023 16:54

Tgt Ion:240 Resp: 10926
Ion Ratio Lower Upper
240 100
120 14.1 12.0 18.0
236 29.1 22.8 34.2

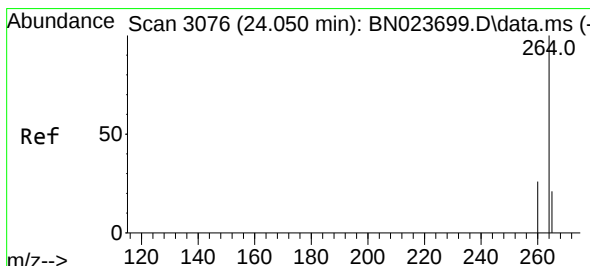
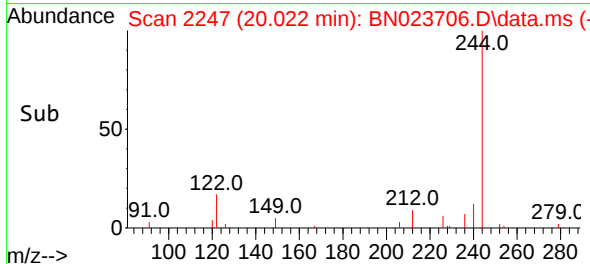
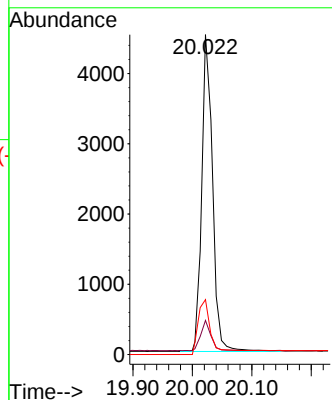
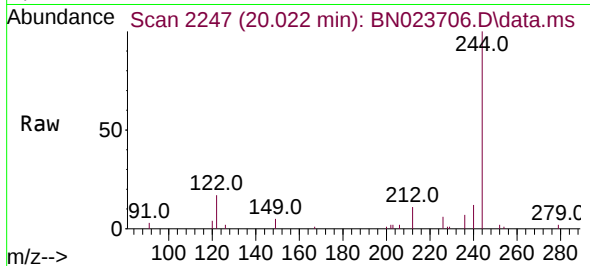




#31
 Terphenyl-d14
 Concen: 0.283 ng
 RT: 20.022 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN023706.D
 Acq: 18 Jan 2023 16:54

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:244 Resp: 4874
 Ion Ratio Lower Upper
 244 100
 212 10.6 6.5 9.7#
 122 17.2 7.6 11.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.062 min Scan# 3080
 Delta R.T. 0.012 min
 Lab File: BN023706.D
 Acq: 18 Jan 2023 16:54

Tgt Ion:264 Resp: 8118
 Ion Ratio Lower Upper
 264 100
 260 26.1 21.0 31.6
 265 62.0 49.9 74.9

