

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025519.D
 Acq On : 20 May 2023 11:45
 Operator : CG/JU
 Sample : 02834-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20230517

Quant Time: May 22 01:59:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 22 01:54:38 2023
 Response via : Initial Calibration

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

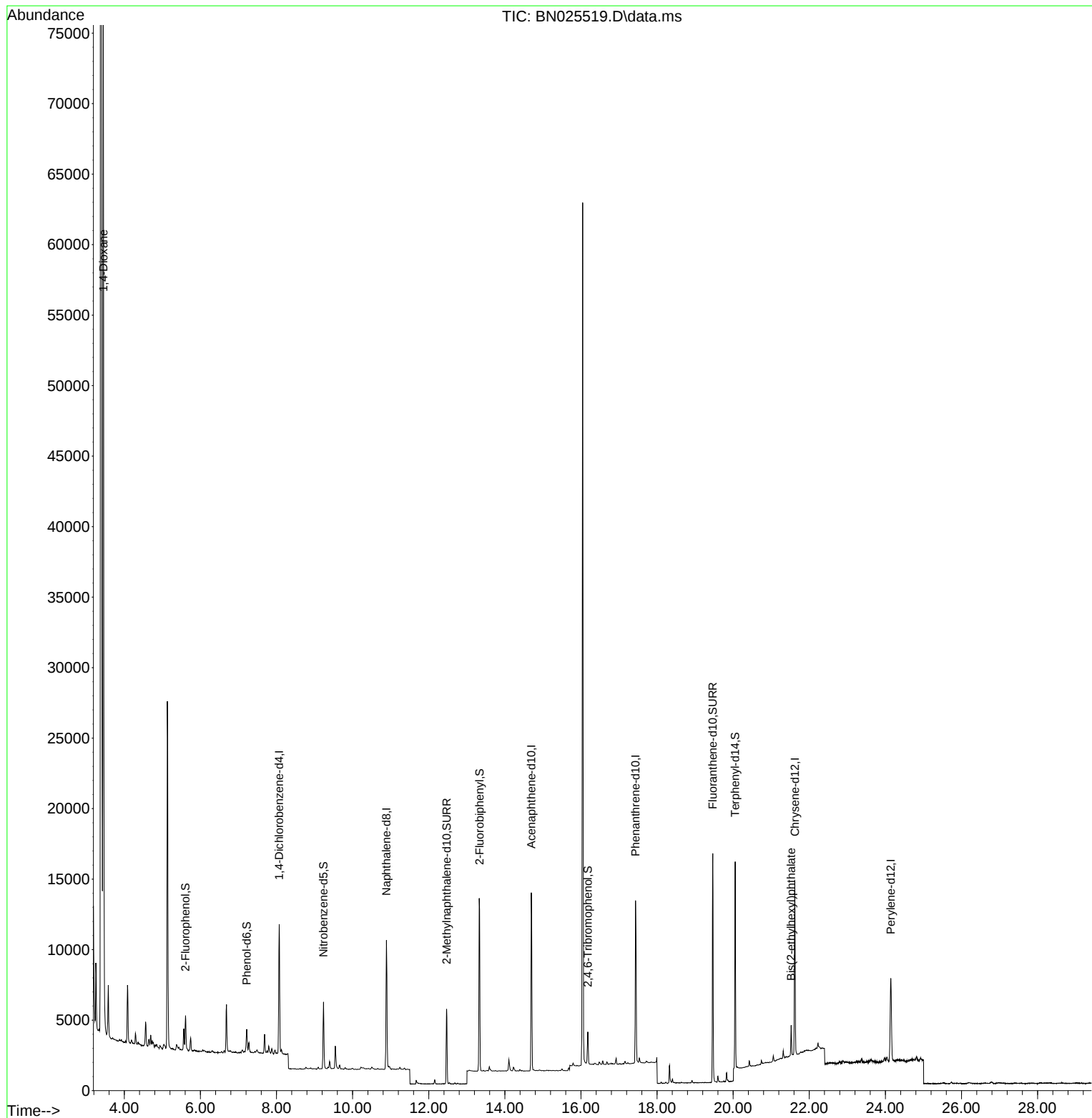
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	4223	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	12091	0.400	ng	# 0.00
13) Acenaphthene-d10	14.694	164	7160	0.400	ng	-0.01
19) Phenanthrene-d10	17.435	188	16202	0.400	ng	# 0.00
29) Chrysene-d12	21.620	240	11093	0.400	ng	# 0.00
35) Perylene-d12	24.142	264	9556	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	1807	0.190	ng	0.00
5) Phenol-d6	7.218	99	1525	0.125	ng	0.00
8) Nitrobenzene-d5	9.234	82	3859	0.400	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	7296	0.434	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	1202	0.431	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	11455	0.418	ng	0.00
27) Fluoranthene-d10	19.464	212	17634	0.471	ng	0.00
31) Terphenyl-d14	20.053	244	10679	0.542	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.448	88	47375	10.996	ng	99
34) Bis(2-ethylhexyl)phtha...	21.522	149	2219	0.094	ng	# 96

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

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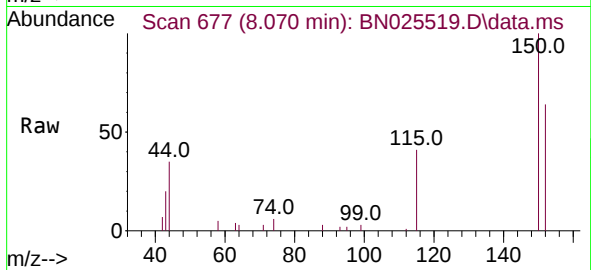
Quant Time: May 22 01:59:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
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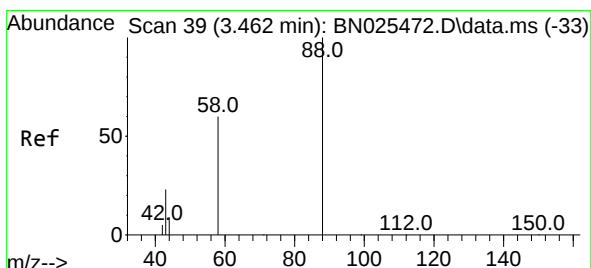
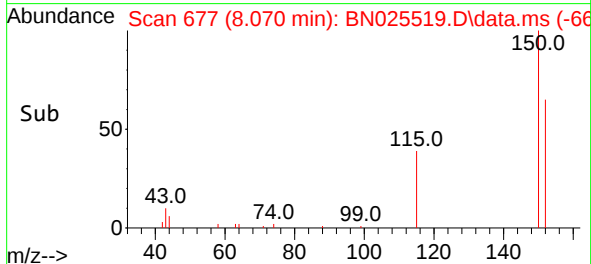
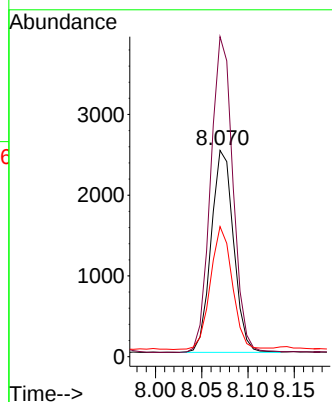


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.070 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN025519.D
 Acq: 20 May 2023 11:45

Instrument :
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 ClientSampleId :
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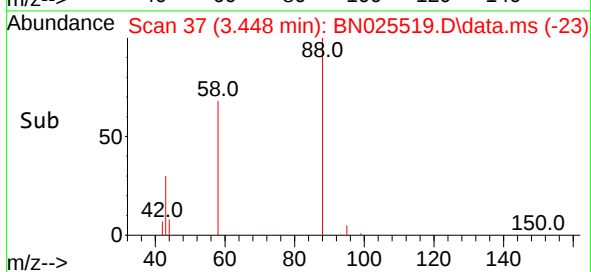
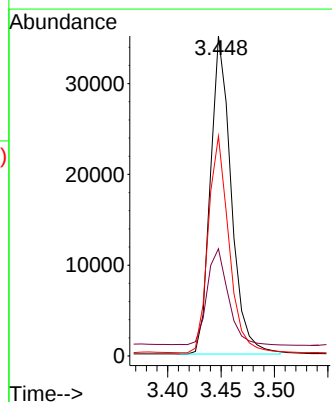
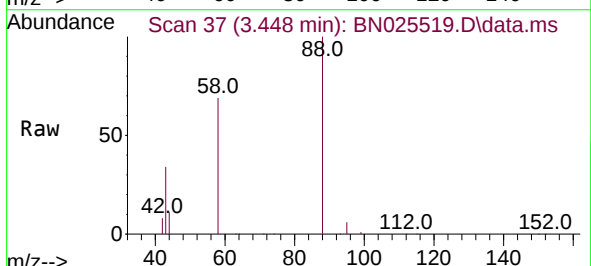


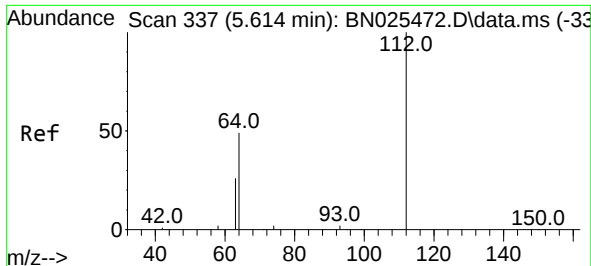
Tgt Ion:152 Resp: 4223
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.3 187.9
 115 63.1 50.2 75.2



#2
 1,4-Dioxane
 Concen: 10.996 ng
 RT: 3.448 min Scan# 37
 Delta R.T. -0.000 min
 Lab File: BN025519.D
 Acq: 20 May 2023 11:45

Tgt Ion: 88 Resp: 47375
 Ion Ratio Lower Upper
 88 100
 43 30.7 23.8 35.6
 58 67.9 55.1 82.7

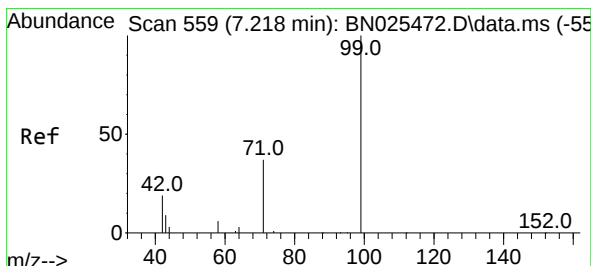
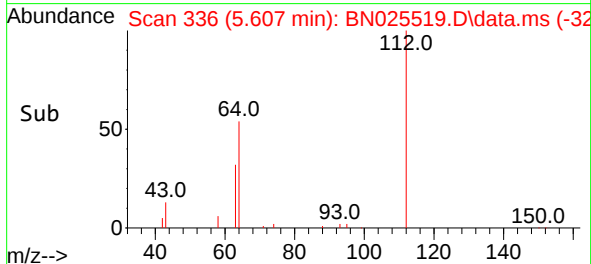
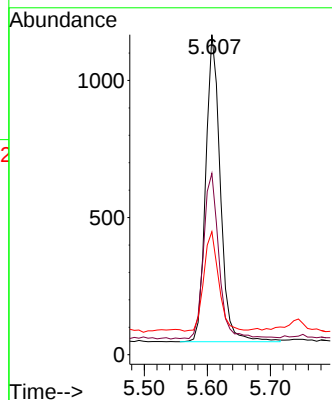
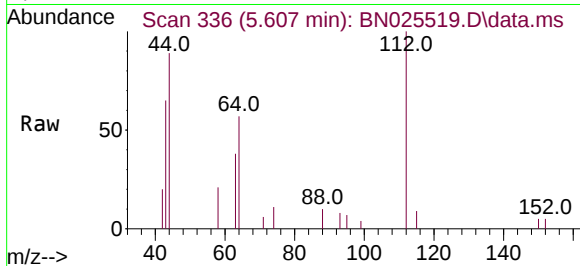




#4
2-Fluorophenol
Concen: 0.190 ng
RT: 5.607 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN025519.D
Acq: 20 May 2023 11:45

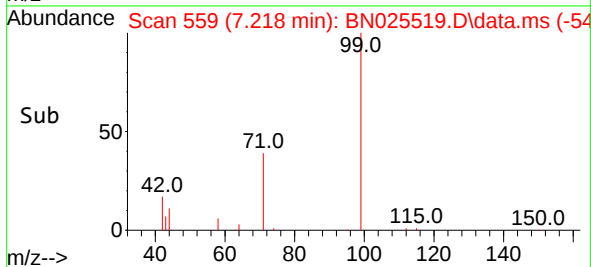
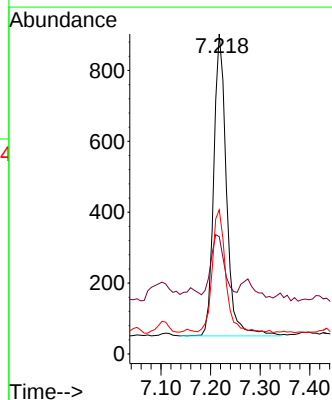
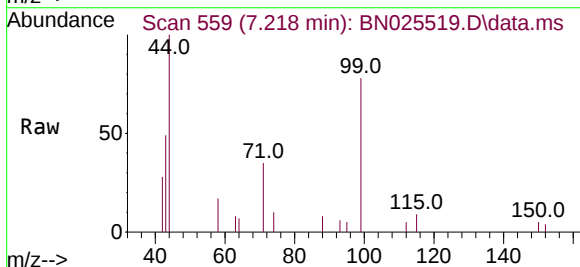
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230517

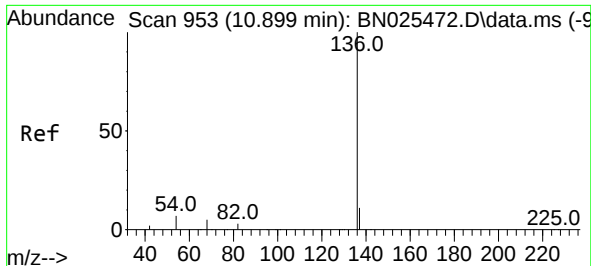
Tgt Ion:112 Resp: 1807
Ion Ratio Lower Upper
112 100
64 57.5 44.0 66.0
63 32.7 24.0 36.0



#5
Phenol-d6
Concen: 0.125 ng
RT: 7.218 min Scan# 559
Delta R.T. -0.000 min
Lab File: BN025519.D
Acq: 20 May 2023 11:45

Tgt Ion: 99 Resp: 1525
Ion Ratio Lower Upper
99 100
42 21.1 15.8 23.8
71 42.3 28.6 43.0

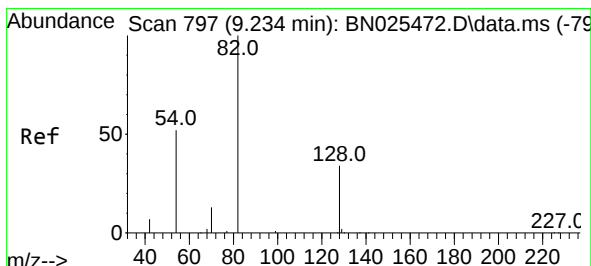
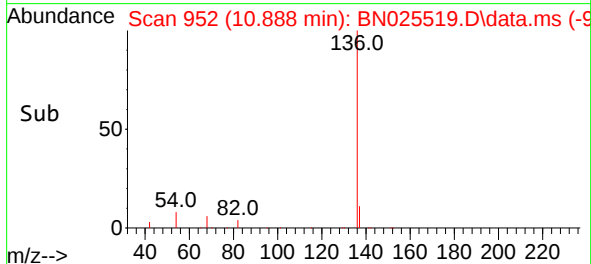
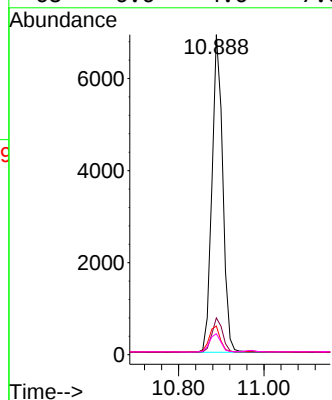
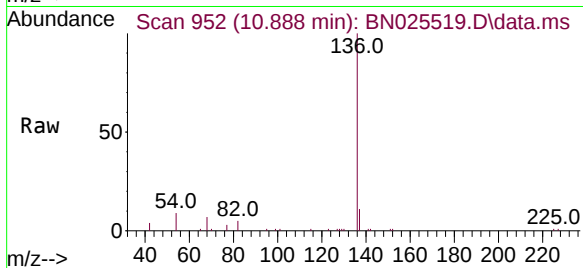




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN025519.D
Acq: 20 May 2023 11:45

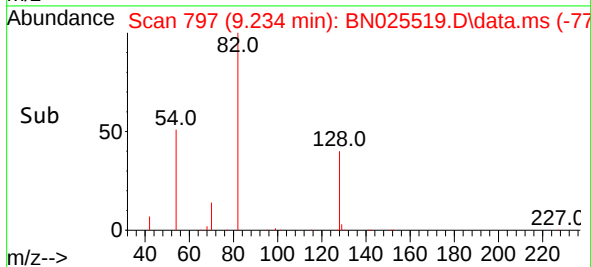
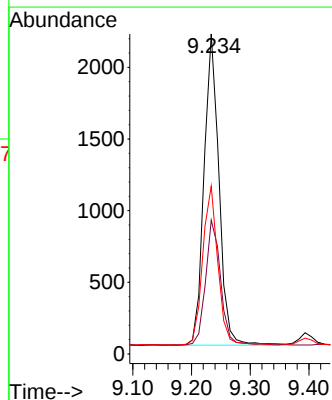
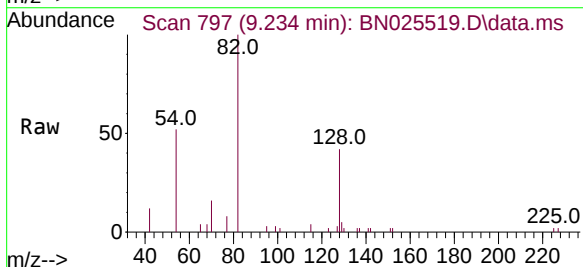
Instrument :
BNA_N
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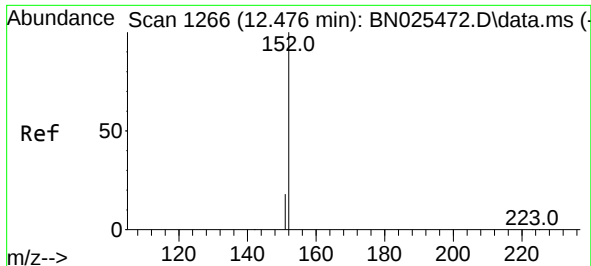
Tgt Ion:	136	Resp:	12091
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	8.9	5.8	8.6#
68	6.6	4.6	7.0



#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 9.234 min Scan# 797
Delta R.T. -0.000 min
Lab File: BN025519.D
Acq: 20 May 2023 11:45

Tgt Ion:	82	Resp:	3859
Ion Ratio	Lower	Upper	
82	100		
128	41.9	27.9	41.9
54	52.4	42.4	63.6

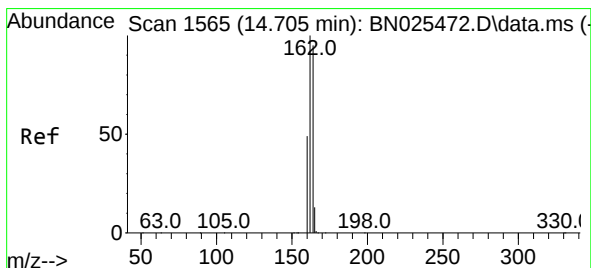
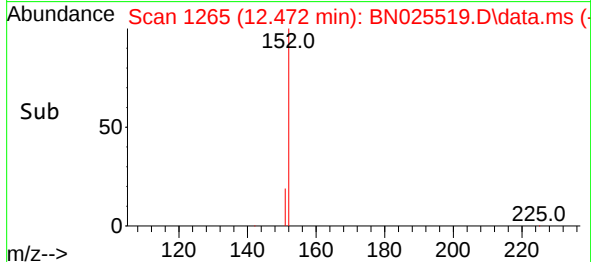
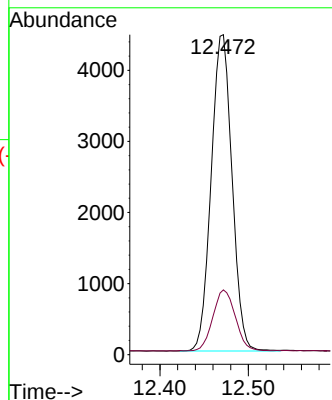
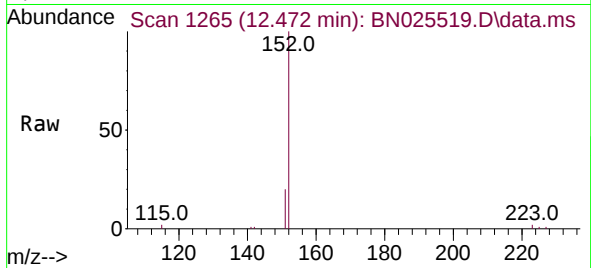




#11
2-Methylnaphthalene-d10
Concen: 0.434 ng
RT: 12.472 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025519.D
Acq: 20 May 2023 11:45

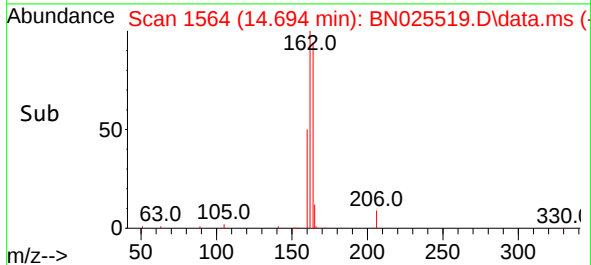
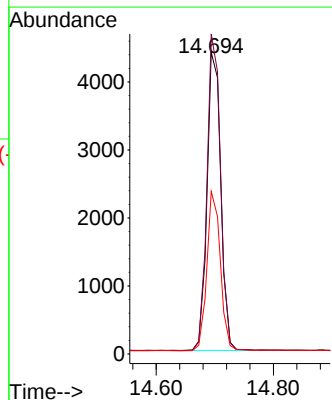
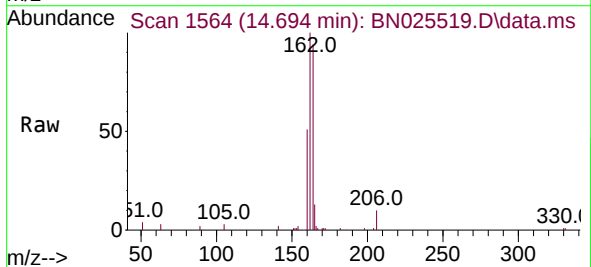
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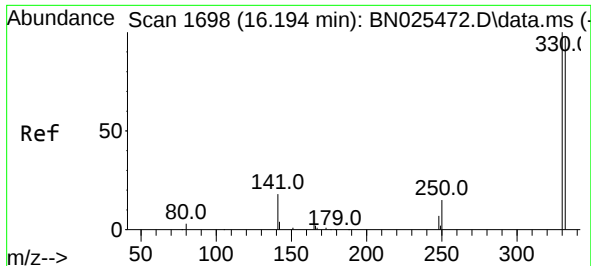
Tgt Ion:152 Resp: 7296
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1564
Delta R.T. -0.011 min
Lab File: BN025519.D
Acq: 20 May 2023 11:45

Tgt Ion:164 Resp: 7160
Ion Ratio Lower Upper
164 100
162 106.1 84.2 126.2
160 53.9 41.4 62.2

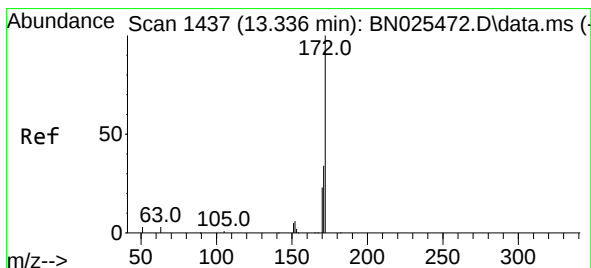
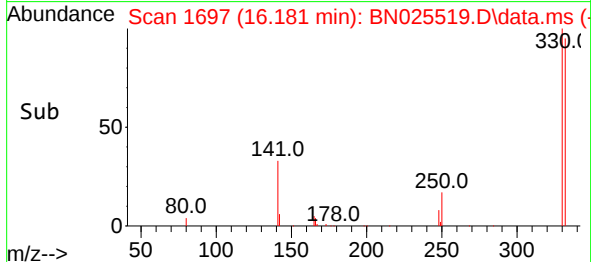
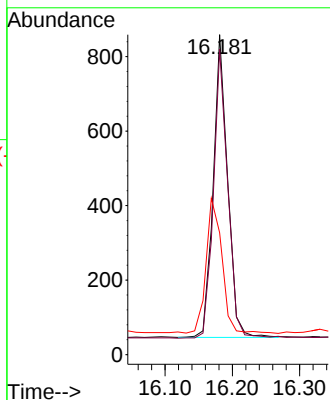
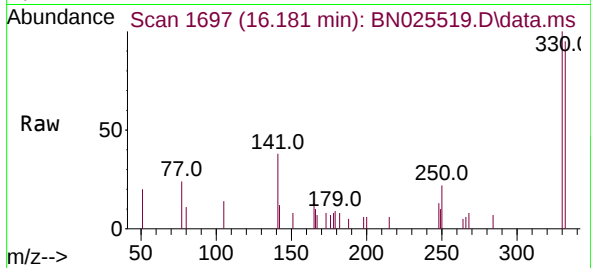




#14
2,4,6-Tribromophenol
Concen: 0.431 ng
RT: 16.181 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN025519.D
Acq: 20 May 2023 11:45

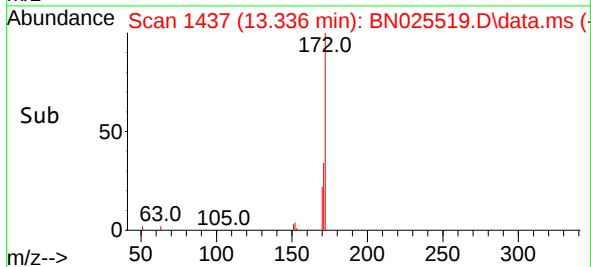
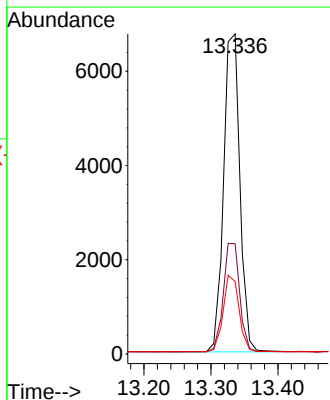
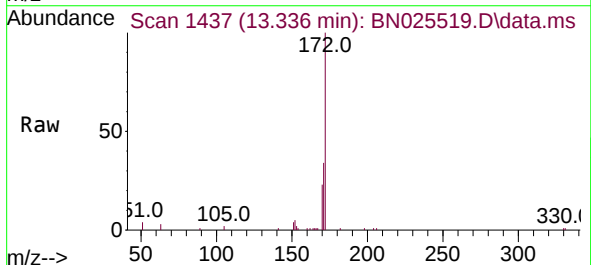
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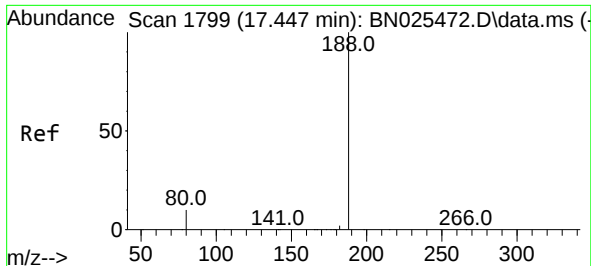
Tgt Ion:330 Resp: 1202
Ion Ratio Lower Upper
330 100
332 94.8 76.1 114.1
141 49.7 36.1 54.1



#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.336 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BN025519.D
Acq: 20 May 2023 11:45

Tgt Ion:172 Resp: 11455
Ion Ratio Lower Upper
172 100
171 34.5 27.6 41.4
170 22.7 18.9 28.3

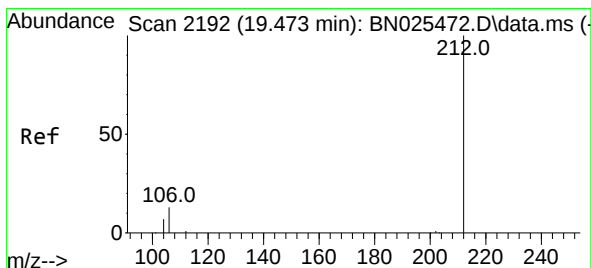
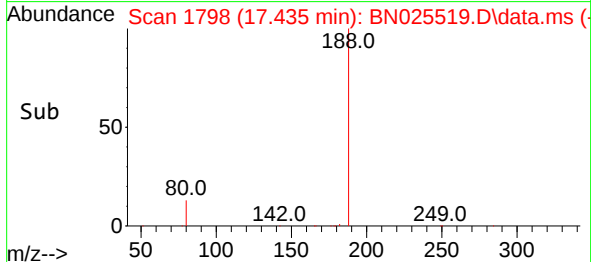
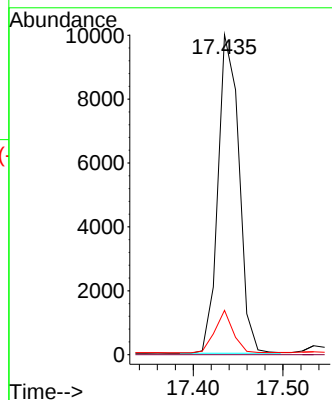
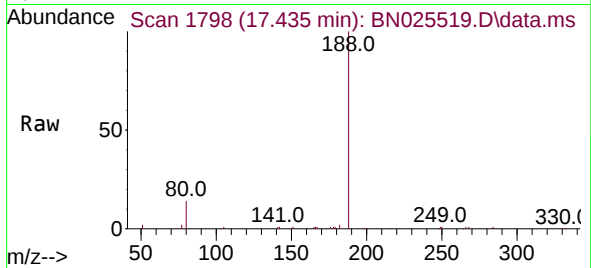




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025519.D
Acq: 20 May 2023 11:45

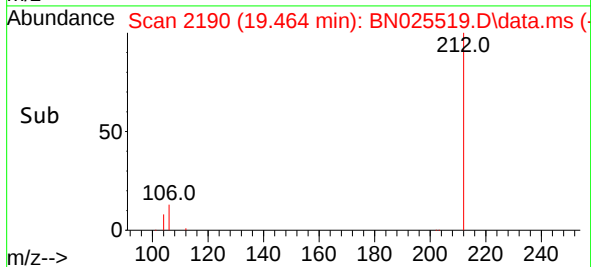
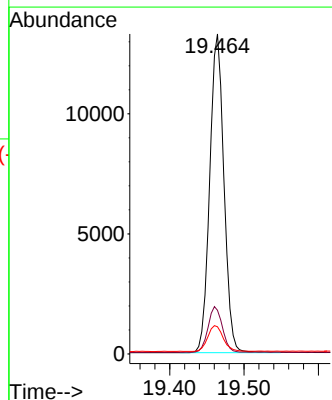
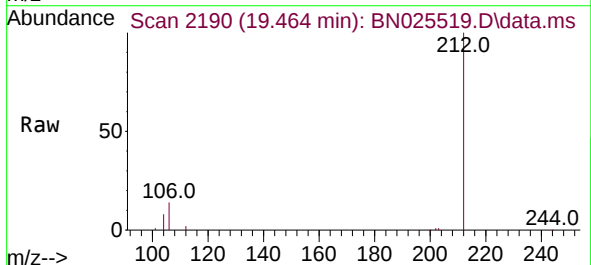
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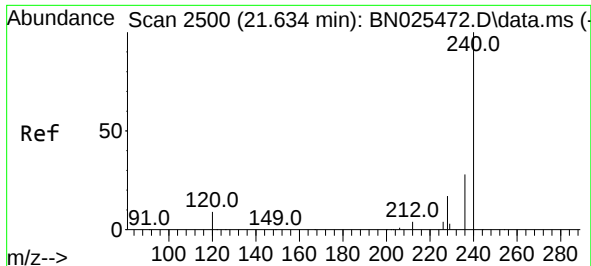
Tgt Ion:188 Resp: 16202
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 8.2 12.4#



#27
Fluoranthene-d10
Concen: 0.471 ng
RT: 19.464 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN025519.D
Acq: 20 May 2023 11:45

Tgt Ion:212 Resp: 17634
Ion Ratio Lower Upper
212 100
106 14.5 11.4 17.2
104 8.7 6.6 10.0

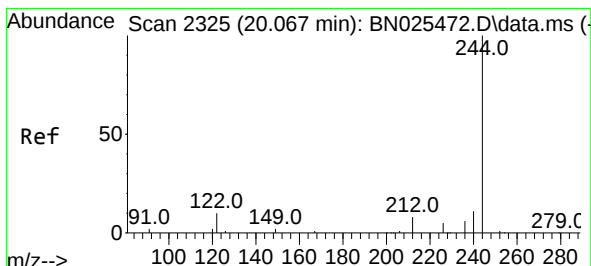
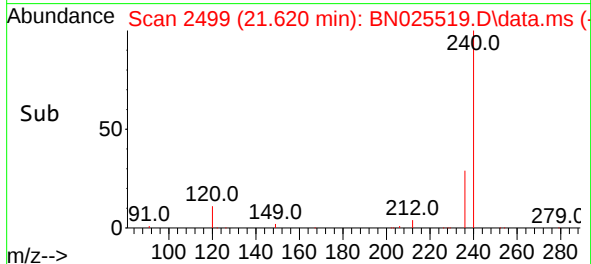
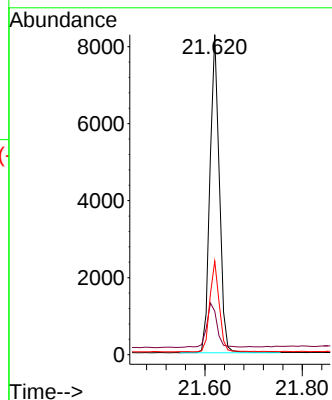
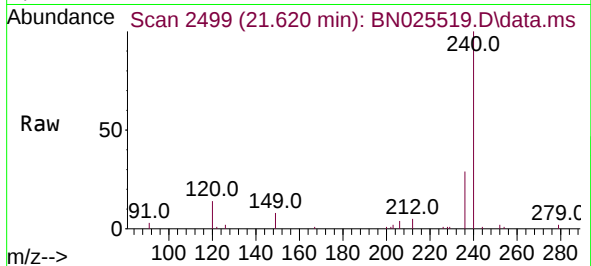




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.620 min Scan# 2499
Delta R.T. 0.004 min
Lab File: BN025519.D
Acq: 20 May 2023 11:45

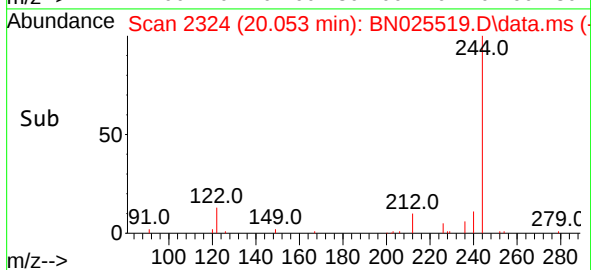
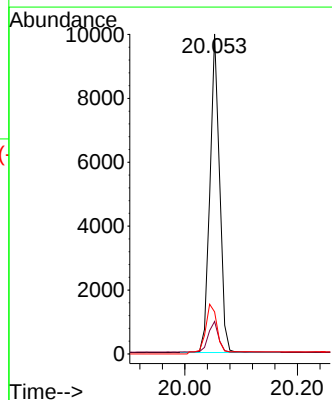
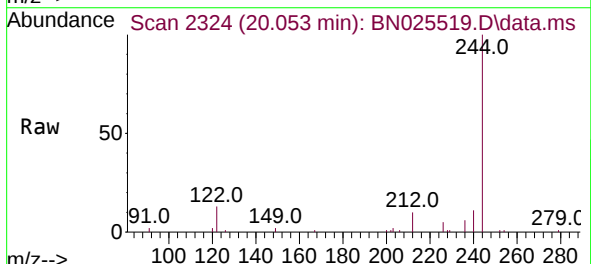
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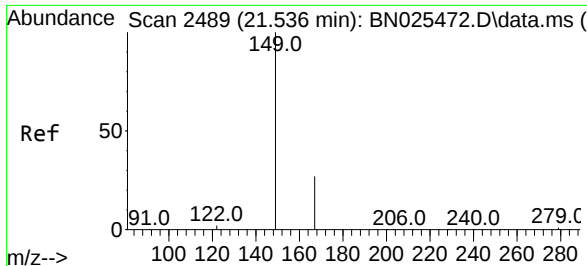
Tgt Ion:240 Resp: 11093
Ion Ratio Lower Upper
240 100
120 13.6 8.6 12.8#
236 29.3 22.7 34.1



#31
Terphenyl-d14
Concen: 0.542 ng
RT: 20.053 min Scan# 2324
Delta R.T. 0.004 min
Lab File: BN025519.D
Acq: 20 May 2023 11:45

Tgt Ion:244 Resp: 10679
Ion Ratio Lower Upper
244 100
212 10.1 6.6 10.0#
122 13.1 8.1 12.1#

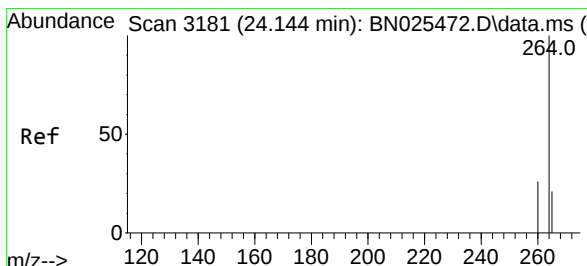
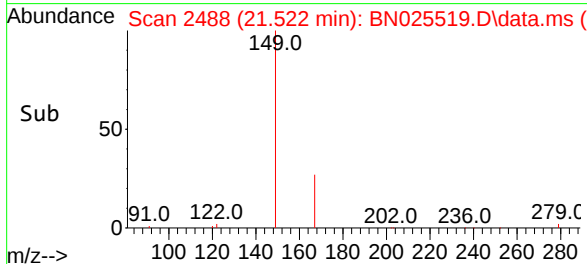
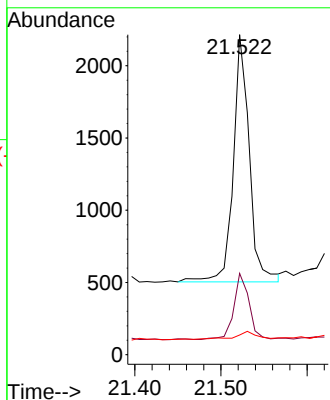
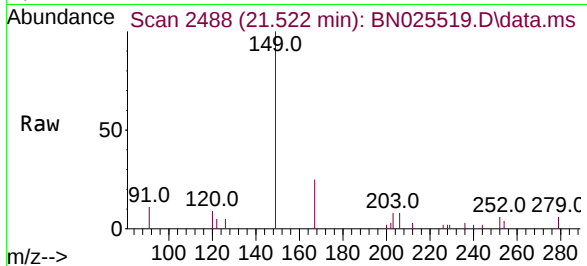




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.094 ng
 RT: 21.522 min Scan# 2488
 Delta R.T. 0.004 min
 Lab File: BN025519.D
 Acq: 20 May 2023 11:45

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20230517

Tgt Ion:149 Resp: 2219
 Ion Ratio Lower Upper
 149 100
 167 25.5 22.0 33.0
 279 4.4 2.6 3.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.142 min Scan# 3180
 Delta R.T. 0.021 min
 Lab File: BN025519.D
 Acq: 20 May 2023 11:45

Tgt Ion:264 Resp: 9556
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.2 31.8
 265 48.3 27.1 40.7#

