

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052423\
 Data File : BN025586.D
 Acq On : 24 May 2023 16:13
 Operator : CG/JU
 Sample : SP6203
 Misc : 8270 SIME SURROGATE
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6203

Quant Time: May 25 06:09:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 23 03:22:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	4338	0.400	ng	0.00
7) Naphthalene-d8	10.878	136	12189	0.400	ng	#-0.01
13) Acenaphthene-d10	14.694	164	6568	0.400	ng	0.00
19) Phenanthrene-d10	17.435	188	14359	0.400	ng	0.00
29) Chrysene-d12	21.616	240	8647	0.400	ng	0.00
35) Perylene-d12	24.132	264	7912	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.600	112	4119	0.369	ng	0.00
5) Phenol-d6	7.211	99	5026	0.357	ng	0.00
8) Nitrobenzene-d5	9.223	82	3972	0.354	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	6544	0.366	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	772	0.281	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	10790	0.379	ng	0.00
27) Fluoranthene-d10	19.456	212	11625	0.342	ng	0.00
31) Terphenyl-d14	20.049	244	8129	0.454	ng	0.00

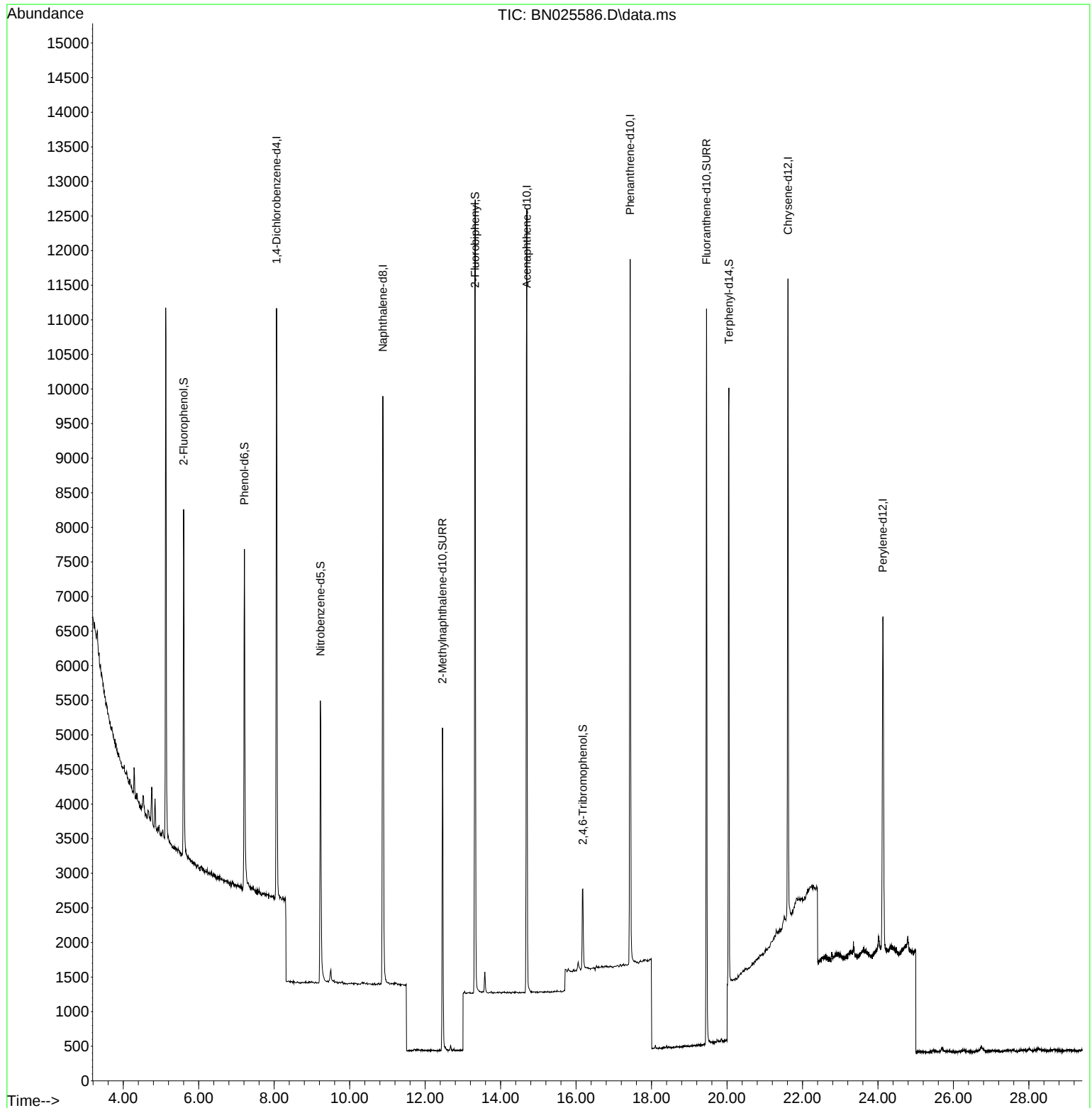
Target Compounds Qvalue

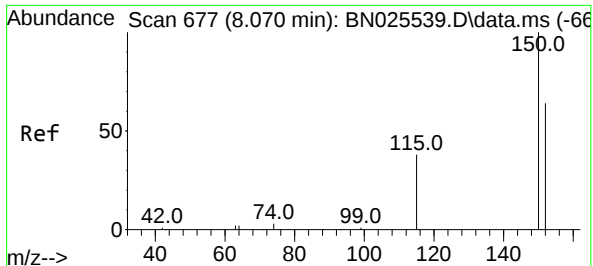
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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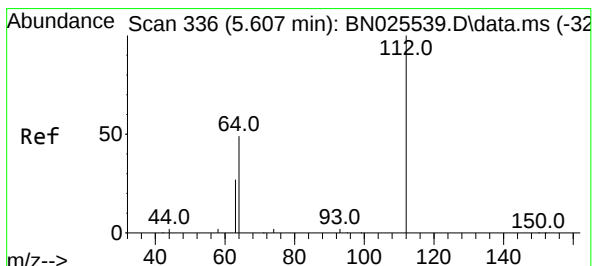
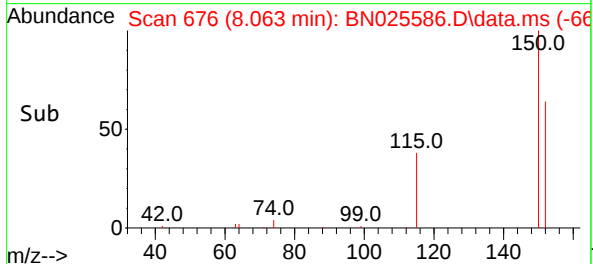
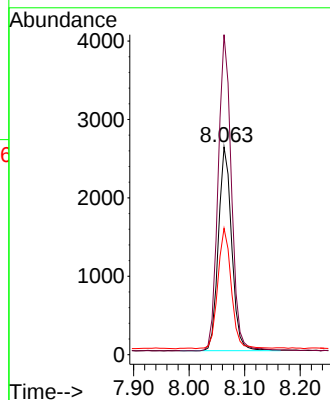
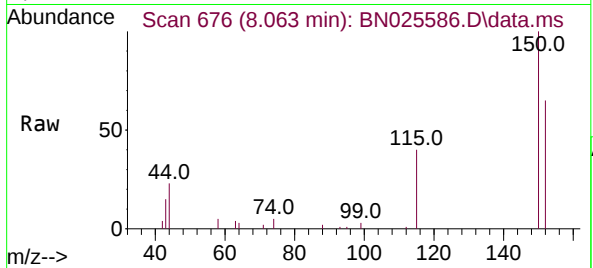




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.063 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN025586.D
Acq: 24 May 2023 16:13

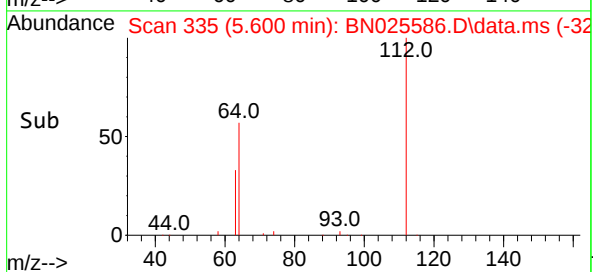
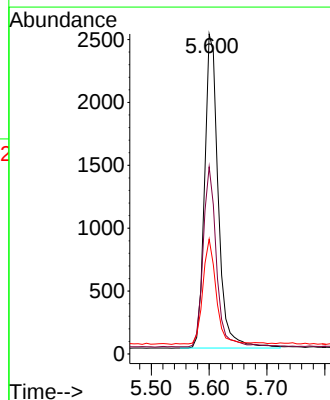
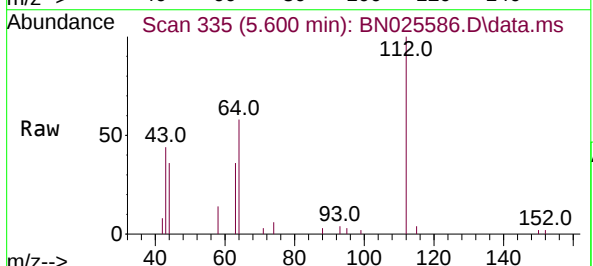
Instrument :
BNA_N
ClientSampleId :
SP6203

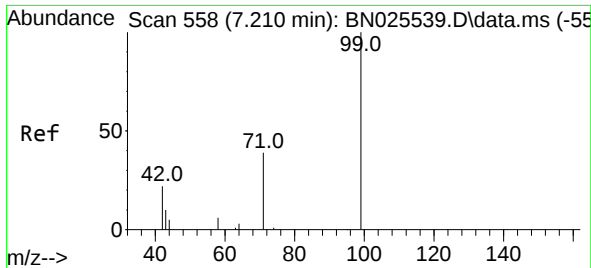
Tgt Ion:152 Resp: 4338
Ion Ratio Lower Upper
152 100
150 154.1 124.6 187.0
115 60.9 49.1 73.7



#4
2-Fluorophenol
Concen: 0.369 ng
RT: 5.600 min Scan# 335
Delta R.T. -0.007 min
Lab File: BN025586.D
Acq: 24 May 2023 16:13

Tgt Ion:112 Resp: 4119
Ion Ratio Lower Upper
112 100
64 56.1 44.2 66.4
63 32.6 25.4 38.2

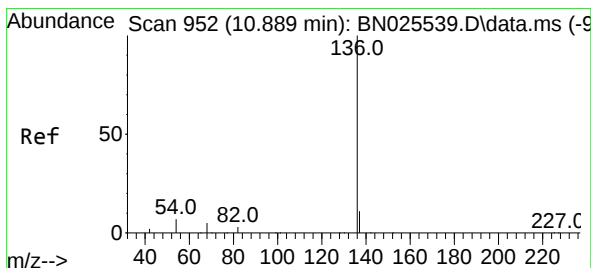
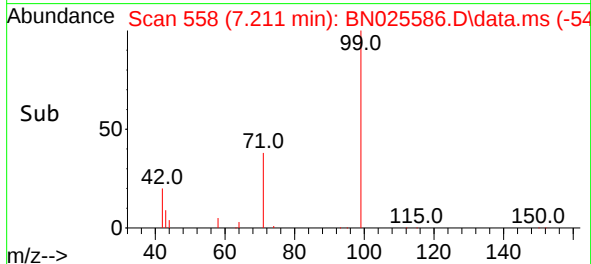
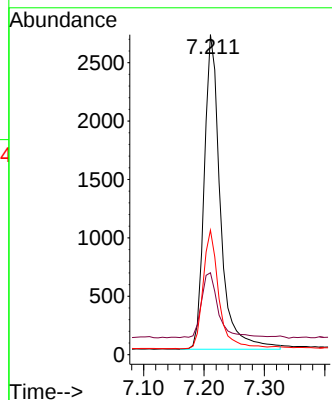
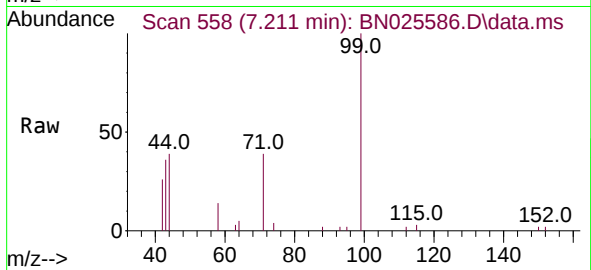




#5
Phenol-d6
Concen: 0.357 ng
RT: 7.211 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN025586.D
Acq: 24 May 2023 16:13

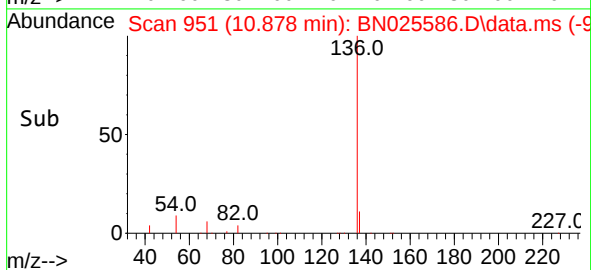
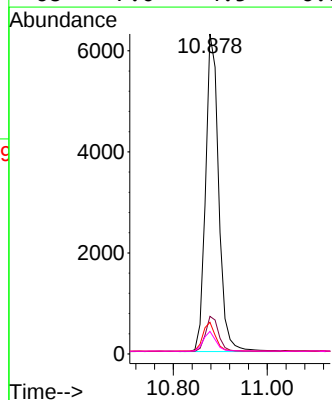
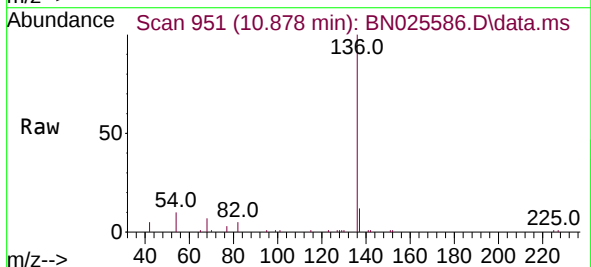
Instrument :
BNA_N
ClientSampleId :
SP6203

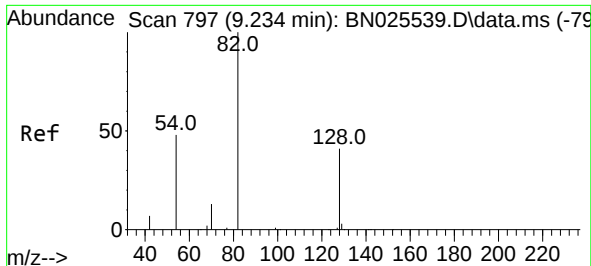
Tgt Ion: 99 Resp: 5026
Ion Ratio Lower Upper
99 100
42 22.0 17.5 26.3
71 36.8 30.1 45.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.878 min Scan# 951
Delta R.T. -0.011 min
Lab File: BN025586.D
Acq: 24 May 2023 16:13

Tgt Ion: 136 Resp: 12189
Ion Ratio Lower Upper
136 100
137 11.8 9.1 13.7
54 9.9 6.2 9.4#
68 7.0 4.5 6.7#

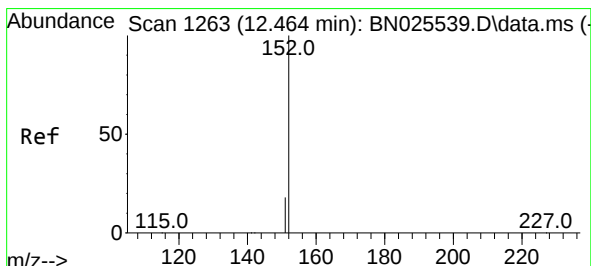
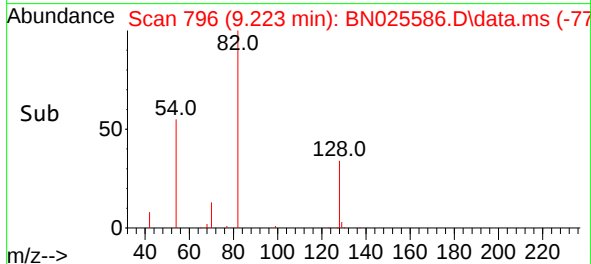
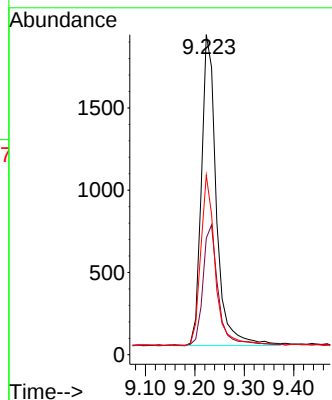
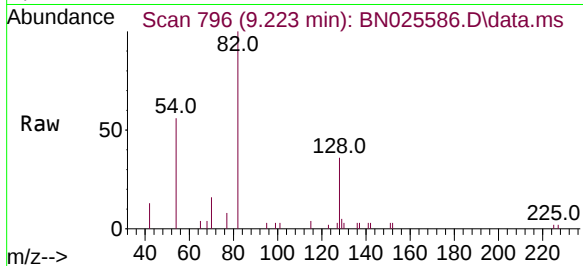




#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 9.223 min Scan# 797
Delta R.T. -0.011 min
Lab File: BN025586.D
Acq: 24 May 2023 16:13

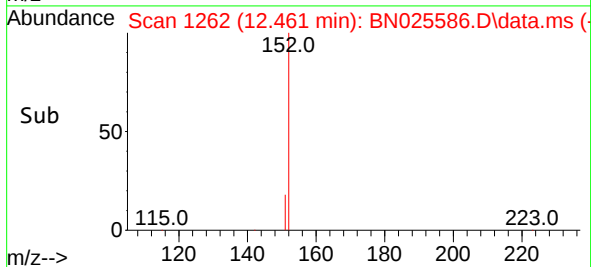
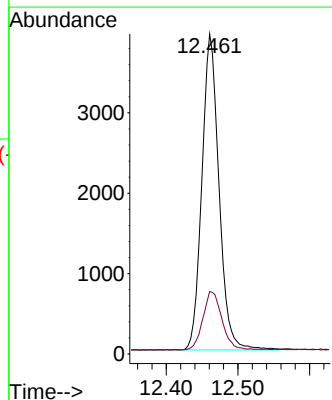
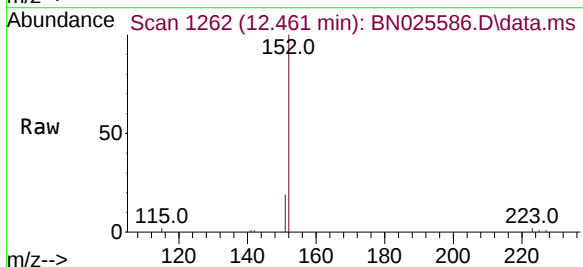
Instrument :
BNA_N
ClientSampleId :
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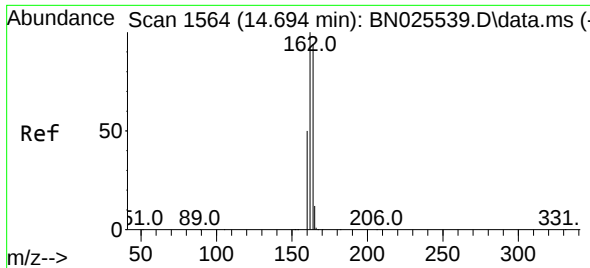
Tgt Ion: 82 Resp: 3972
Ion Ratio Lower Upper
82 100
128 36.4 33.8 50.8
54 56.1 39.8 59.6



#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 12.461 min Scan# 1262
Delta R.T. -0.004 min
Lab File: BN025586.D
Acq: 24 May 2023 16:13

Tgt Ion: 152 Resp: 6544
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1

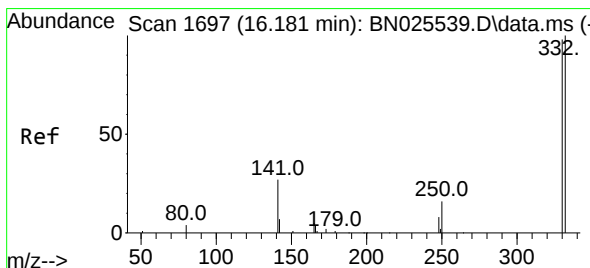
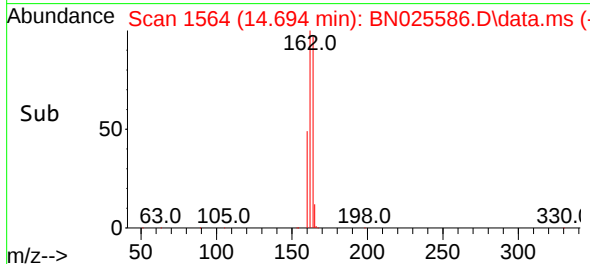
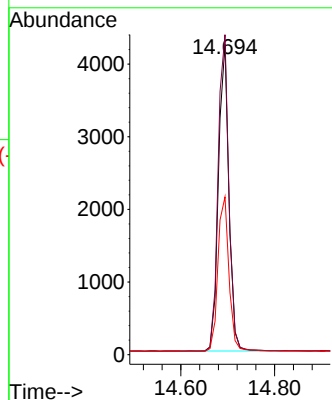
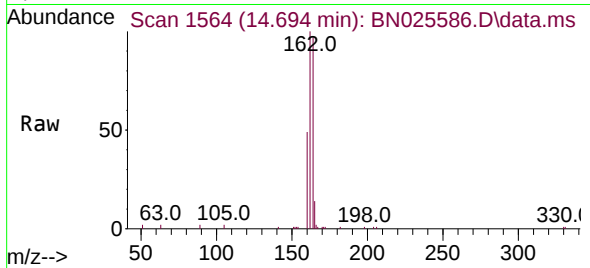




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN025586.D
Acq: 24 May 2023 16:13

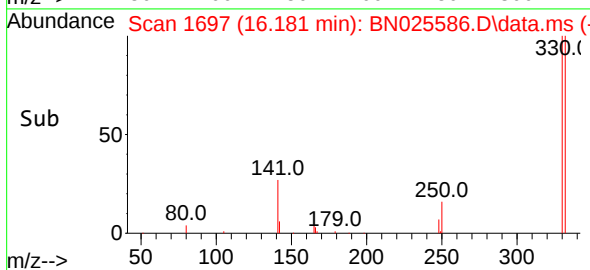
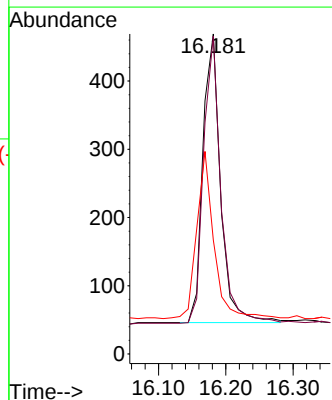
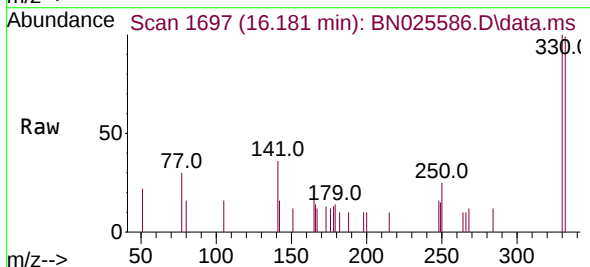
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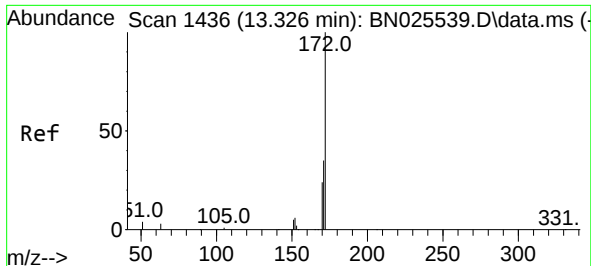
Tgt Ion:164 Resp: 6568
Ion Ratio Lower Upper
164 100
162 103.1 85.5 128.3
160 50.8 42.9 64.3



#14
2,4,6-Tribromophenol
Concen: 0.281 ng
RT: 16.181 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN025586.D
Acq: 24 May 2023 16:13

Tgt Ion:330 Resp: 772
Ion Ratio Lower Upper
330 100
332 97.8 76.7 115.1
141 56.2 43.0 64.6

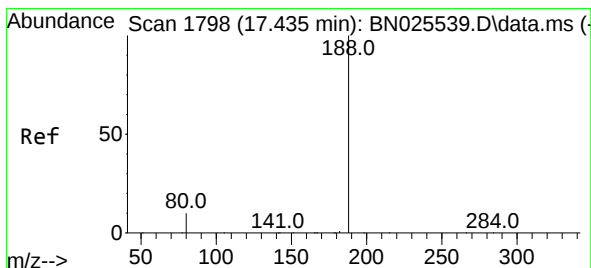
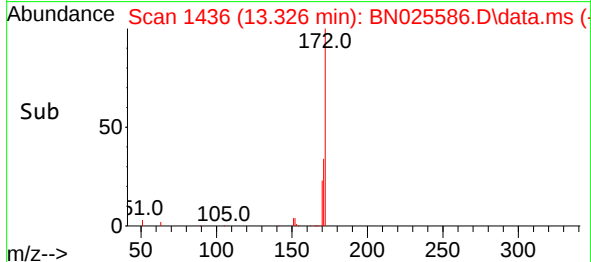
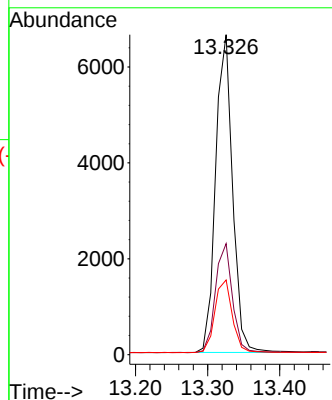
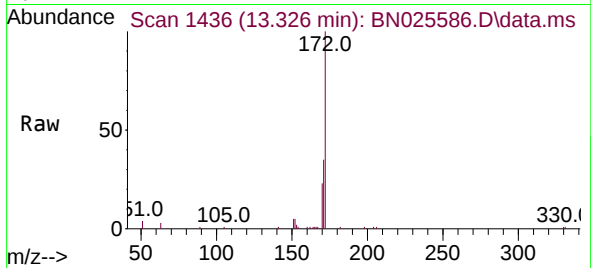




#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.326 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BN025586.D
Acq: 24 May 2023 16:13

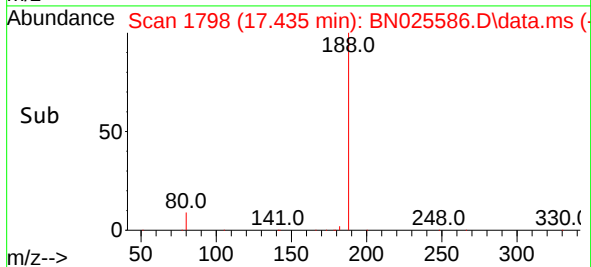
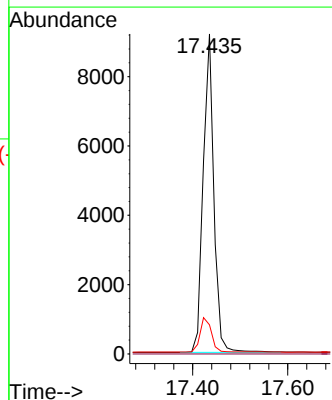
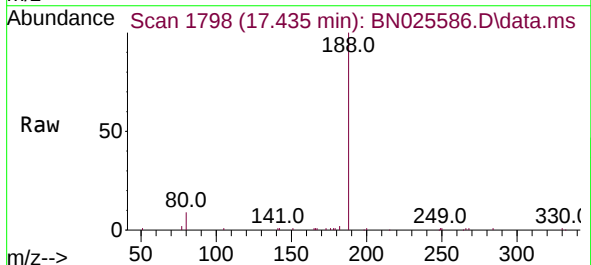
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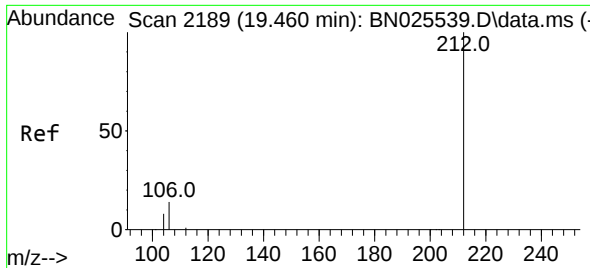
Tgt Ion:172 Resp: 10790
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.3 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BN025586.D
Acq: 24 May 2023 16:13

Tgt Ion:188 Resp: 14359
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 8.8 13.2

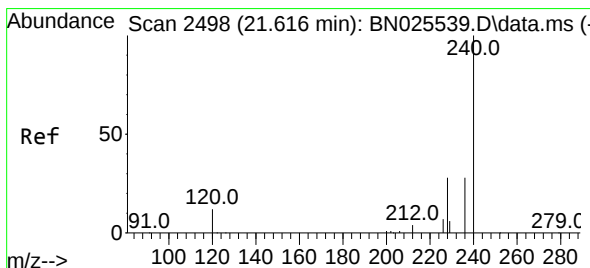
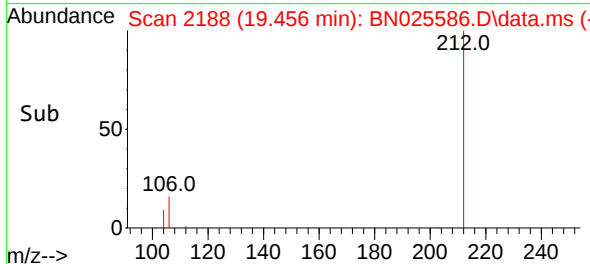
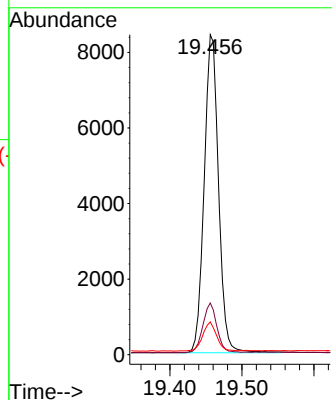
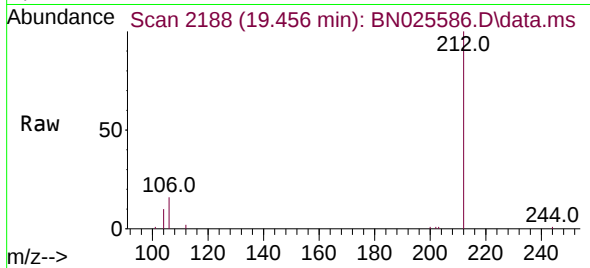




#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.456 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BN025586.D
Acq: 24 May 2023 16:13

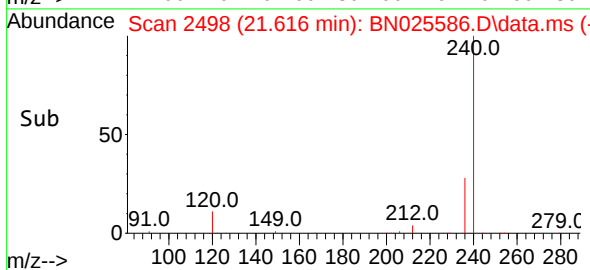
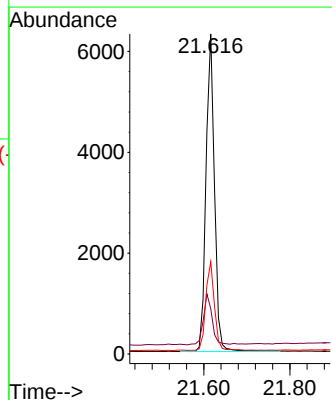
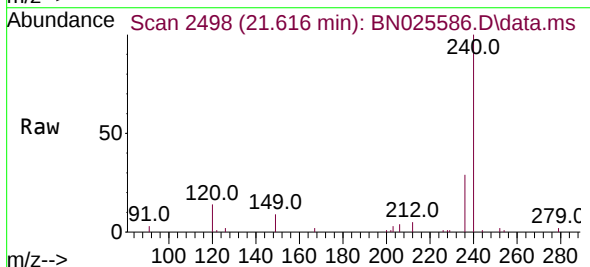
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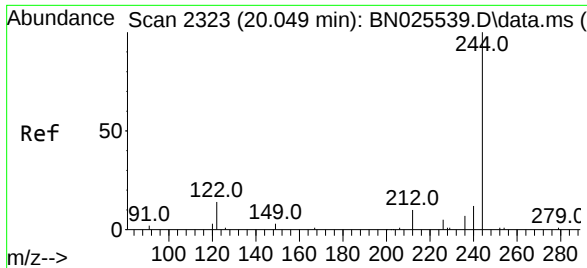
Tgt Ion:212 Resp: 11625
Ion Ratio Lower Upper
212 100
106 15.1 11.4 17.2
104 8.9 6.8 10.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.616 min Scan# 2498
Delta R.T. 0.000 min
Lab File: BN025586.D
Acq: 24 May 2023 16:13

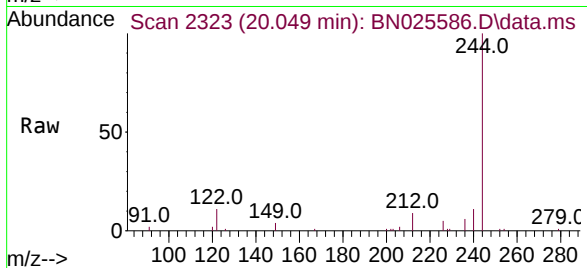
Tgt Ion:240 Resp: 8647
Ion Ratio Lower Upper
240 100
120 14.1 11.7 17.5
236 28.9 23.0 34.6



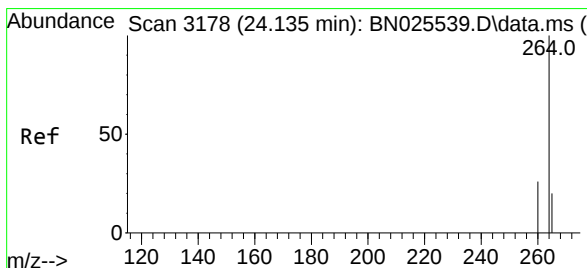
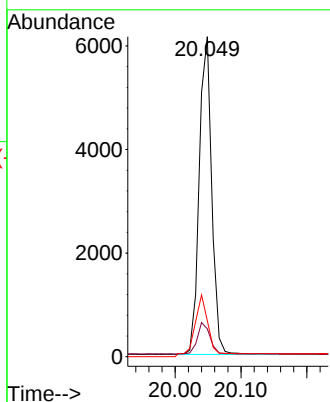
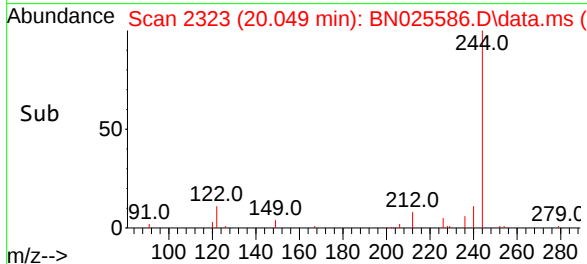


#31
 Terphenyl-d14
 Concen: 0.454 ng
 RT: 20.049 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN025586.D
 Acq: 24 May 2023 16:13

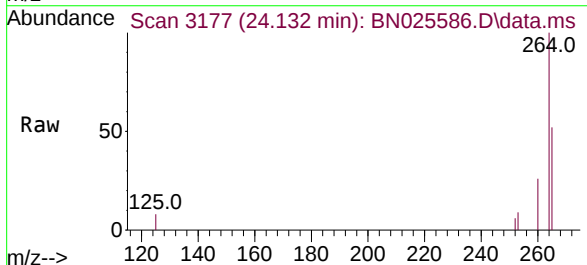
Instrument :
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Tgt Ion:244 Resp: 8129
 Ion Ratio Lower Upper
 244 100
 212 8.7 8.4 12.6
 122 11.2 11.4 17.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.132 min Scan# 3177
 Delta R.T. -0.003 min
 Lab File: BN025586.D
 Acq: 24 May 2023 16:13



Tgt Ion:264 Resp: 7912
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.1 31.7
 265 51.5 35.5 53.3

