

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
 Data File : BN023680.D
 Acq On : 17 Jan 2023 13:51
 Operator : CG/JU
 Sample : PB150218BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB150218BL

Quant Time: Jan 18 05:34:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 05:31:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	4240	0.400	ng	0.01
7) Naphthalene-d8	10.776	136	12292	0.400	ng	# 0.01
13) Acenaphthene-d10	14.613	164	6948	0.400	ng	0.01
19) Phenanthrene-d10	17.365	188	15348	0.400	ng	# 0.01
29) Chrysene-d12	21.553	240	11492	0.400	ng	# 0.00
35) Perylene-d12	23.998	264	8692	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.507	112	2980	0.354	ng	0.01
5) Phenol-d6	7.125	99	3706	0.342	ng	0.02
8) Nitrobenzene-d5	9.131	82	2605	0.282	ng	0.02
11) 2-Methylnaphthalene-d10	12.371	152	4884	0.288	ng	0.02
14) 2,4,6-Tribromophenol	16.111	330	821	0.273	ng	0.01
15) 2-Fluorobiphenyl	13.244	172	8196	0.292	ng	0.02
27) Fluoranthene-d10	19.393	212	10267	0.273	ng	0.00
31) Terphenyl-d14	19.991	244	10478	0.360	ng	0.00

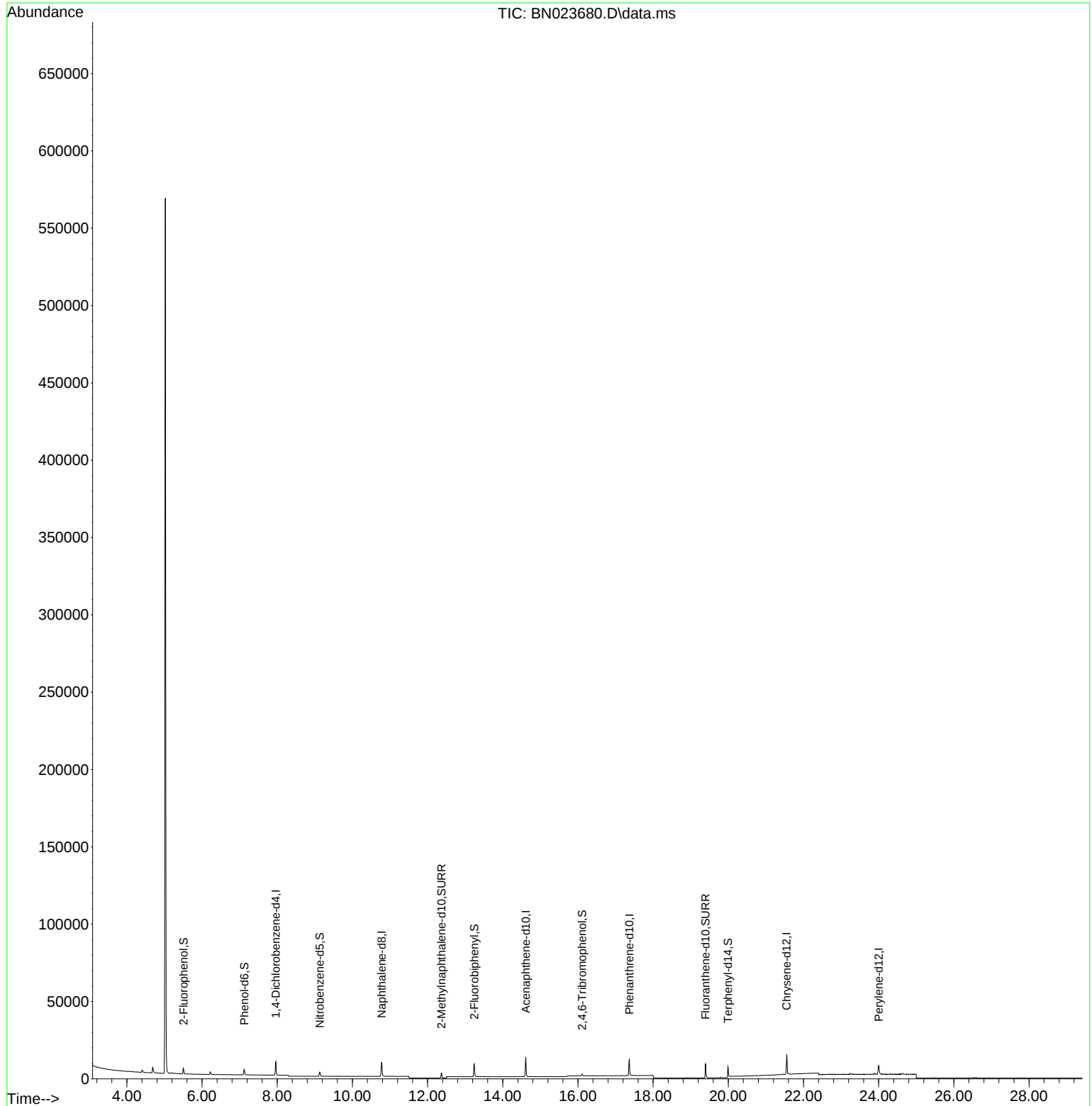
Target Compounds Qvalue

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

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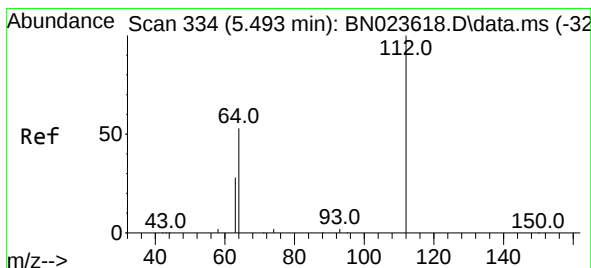
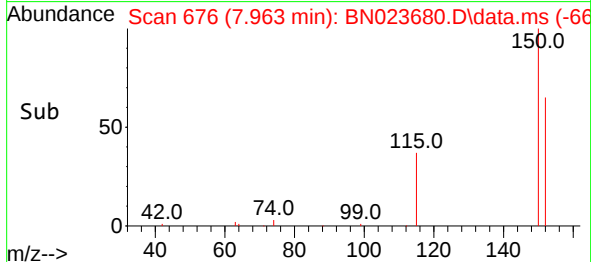
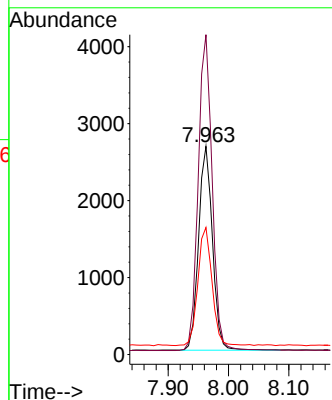
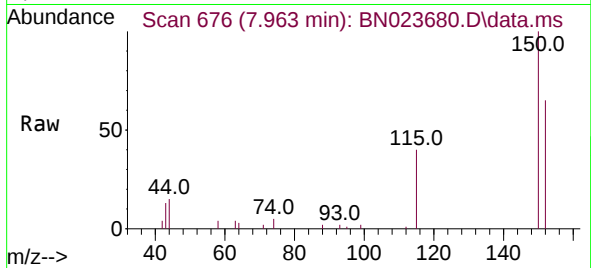




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.963 min Scan# 61
Delta R.T. 0.015 min
Lab File: BN023680.D
Acq: 17 Jan 2023 13:51

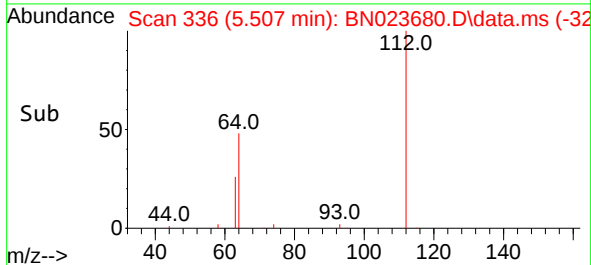
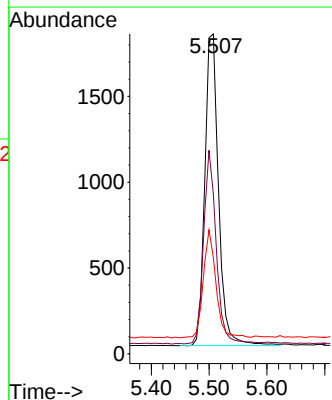
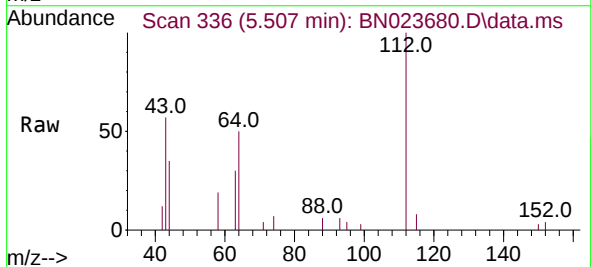
Instrument :
BNA_N
ClientSampleId :
PB150218BL

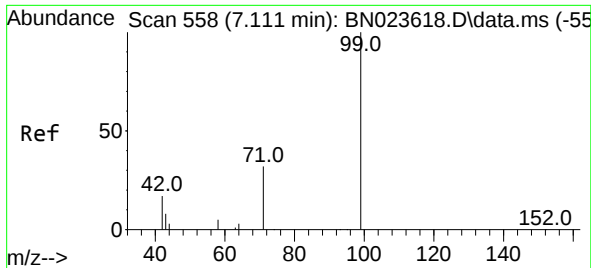
Tgt Ion:152 Resp: 4240
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.8
115 61.1 50.6 75.8



#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.507 min Scan# 336
Delta R.T. 0.014 min
Lab File: BN023680.D
Acq: 17 Jan 2023 13:51

Tgt Ion:112 Resp: 2980
Ion Ratio Lower Upper
112 100
64 56.7 44.9 67.3
63 31.6 24.9 37.3

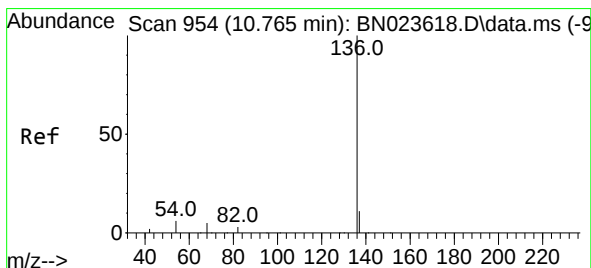
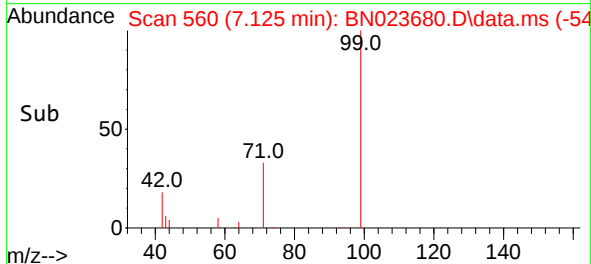
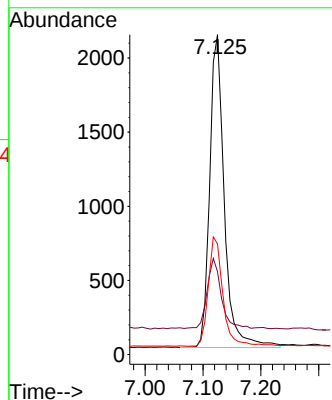
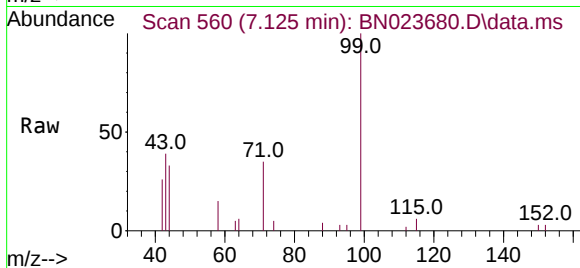




#5
Phenol-d6
Concen: 0.342 ng
RT: 7.125 min Scan# 560
Delta R.T. 0.022 min
Lab File: BN023680.D
Acq: 17 Jan 2023 13:51

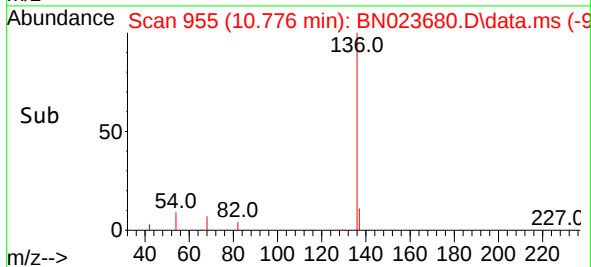
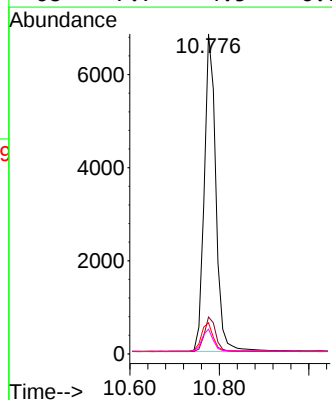
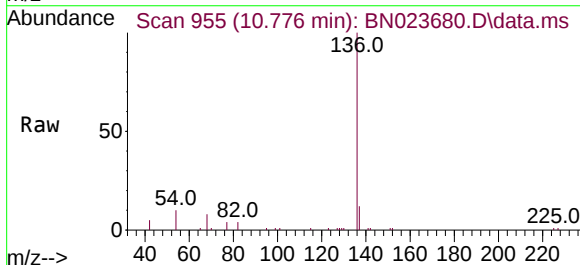
Instrument :
BNA_N
ClientSampleId :
PB150218BL

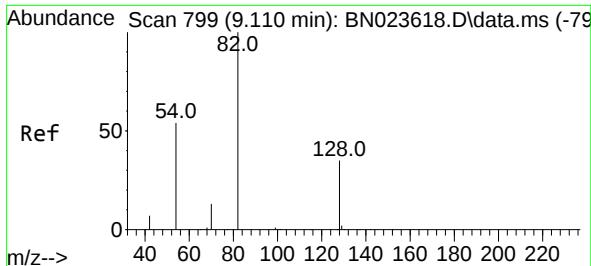
Tgt Ion:	99	Resp:	3706
Ion	Ratio	Lower	Upper
99	100		
42	21.4	18.8	28.2
71	35.1	28.2	42.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.776 min Scan# 955
Delta R.T. 0.011 min
Lab File: BN023680.D
Acq: 17 Jan 2023 13:51

Tgt Ion:	136	Resp:	12292
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	9.7	5.7	8.5#
68	7.7	4.5	6.7#

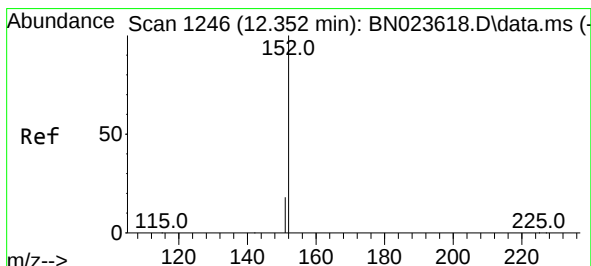
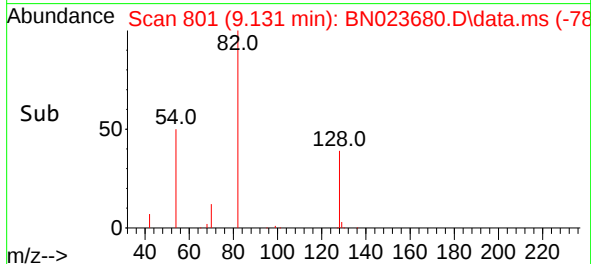
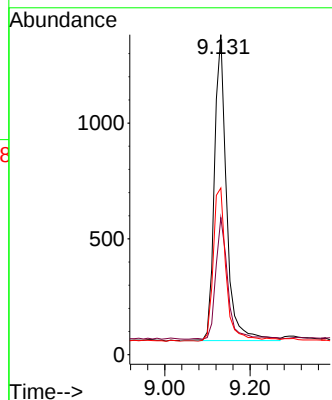
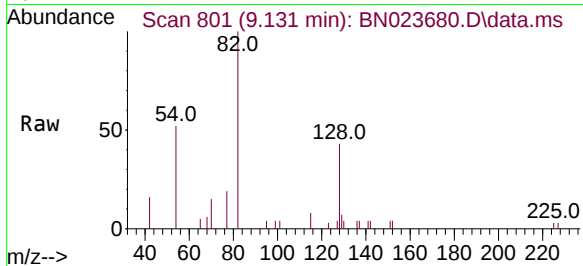




#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 9.131 min Scan# 801
Delta R.T. 0.021 min
Lab File: BN023680.D
Acq: 17 Jan 2023 13:51

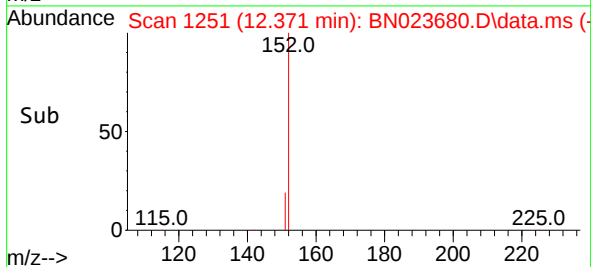
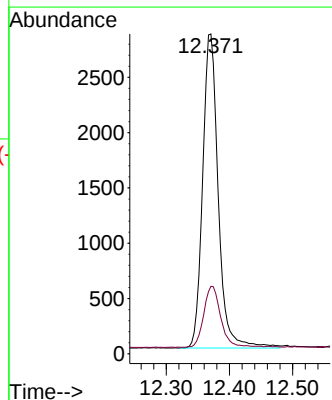
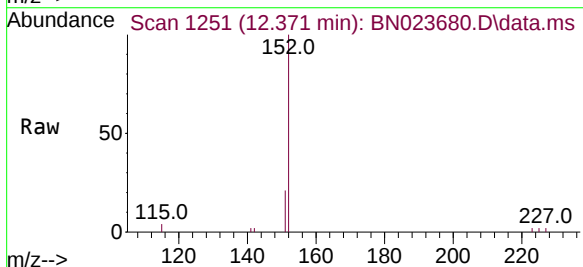
Instrument :
BNA_N
ClientSampleId :
PB150218BL

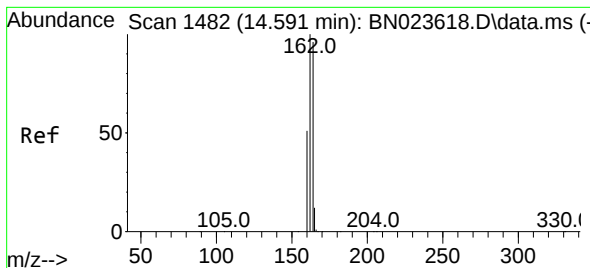
Tgt Ion: 82 Resp: 2605
Ion Ratio Lower Upper
82 100
128 42.8 29.8 44.8
54 52.1 43.9 65.9



#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.371 min Scan# 1251
Delta R.T. 0.015 min
Lab File: BN023680.D
Acq: 17 Jan 2023 13:51

Tgt Ion: 152 Resp: 4884
Ion Ratio Lower Upper
152 100
151 21.1 16.9 25.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.613 min Scan# 1482

Delta R.T. 0.011 min

Lab File: BN023680.D

Acq: 17 Jan 2023 13:51

Instrument :

BNA_N

ClientSampleId :

PB150218BL

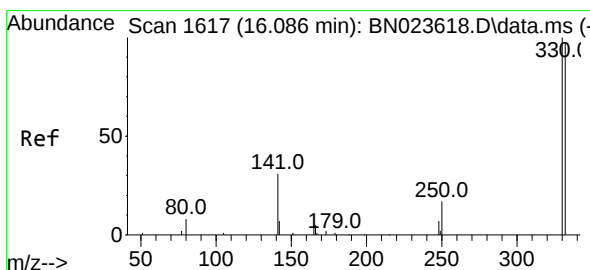
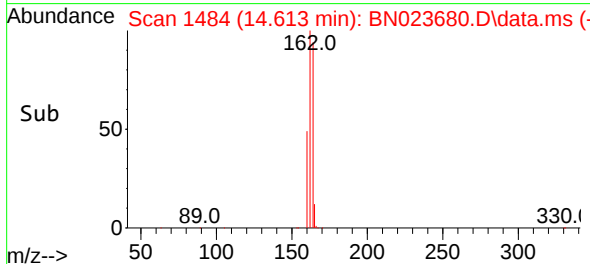
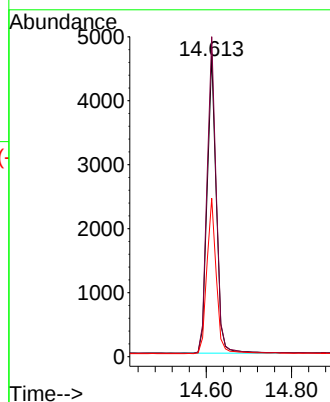
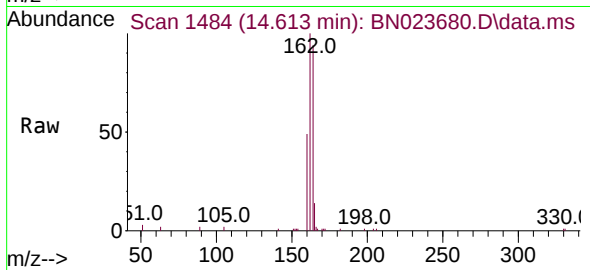
Tgt Ion:164 Resp: 6948

Ion Ratio Lower Upper

164 100

162 106.4 83.4 125.2

160 52.6 42.7 64.1



#14

2,4,6-Tribromophenol

Concen: 0.273 ng

RT: 16.111 min Scan# 1619

Delta R.T. 0.012 min

Lab File: BN023680.D

Acq: 17 Jan 2023 13:51

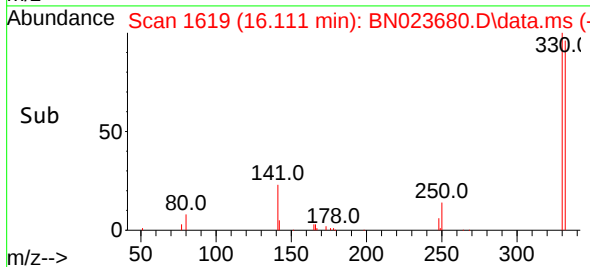
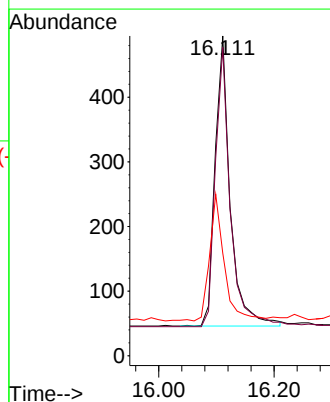
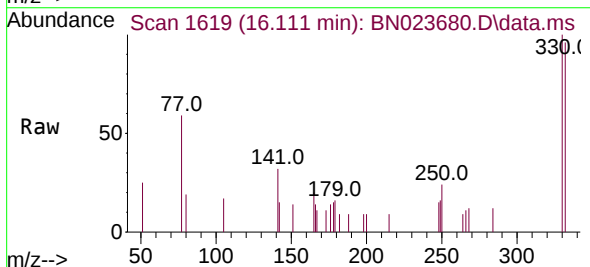
Tgt Ion:330 Resp: 821

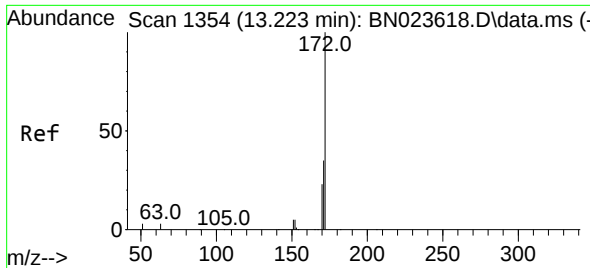
Ion Ratio Lower Upper

330 100

332 95.0 78.1 117.1

141 41.3 33.4 50.0

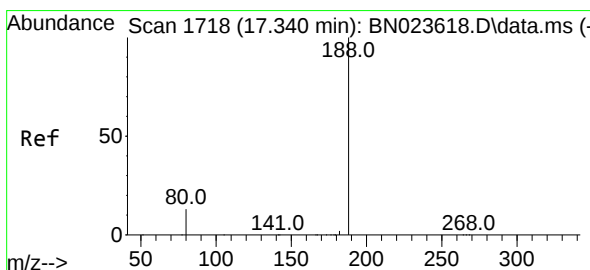
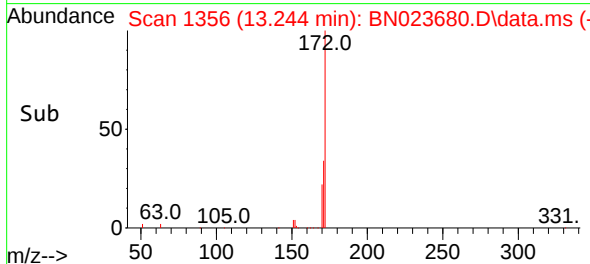
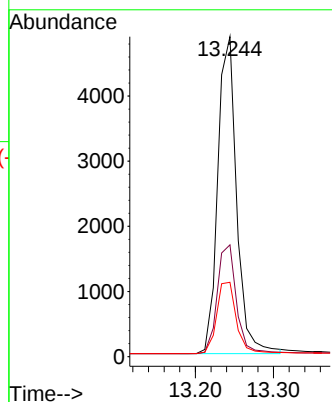
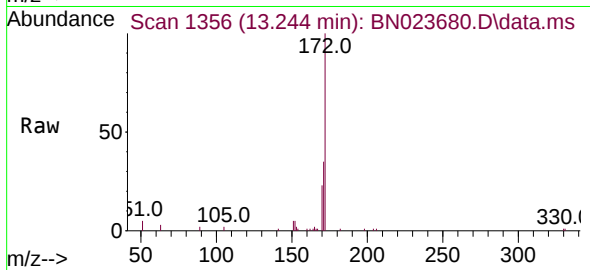




#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 13.244 min Scan# 1354
Delta R.T. 0.021 min
Lab File: BN023680.D
Acq: 17 Jan 2023 13:51

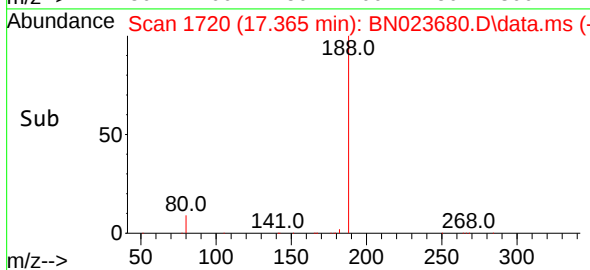
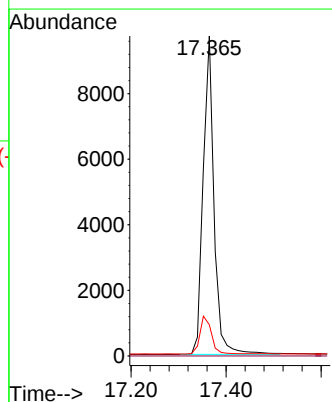
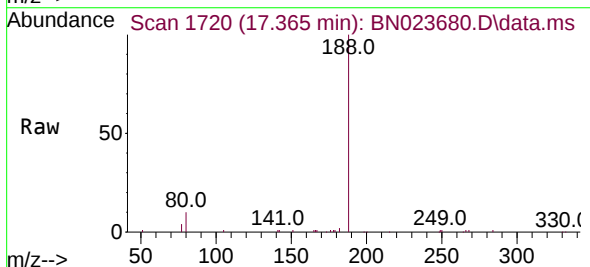
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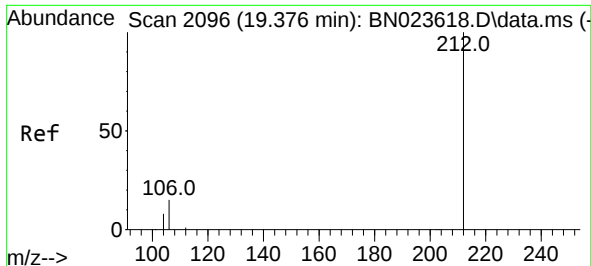
Tgt Ion:172 Resp: 8196
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.2 19.0 28.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.365 min Scan# 1720
Delta R.T. 0.012 min
Lab File: BN023680.D
Acq: 17 Jan 2023 13:51

Tgt Ion:188 Resp: 15348
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 11.0 16.4

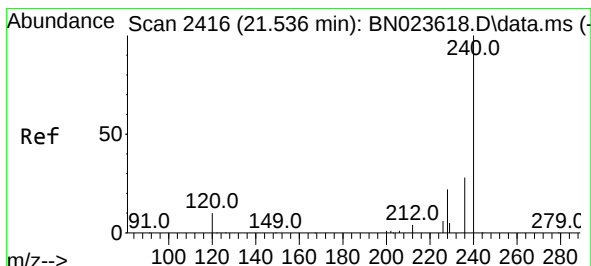
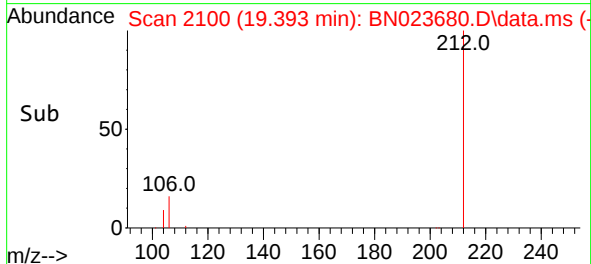
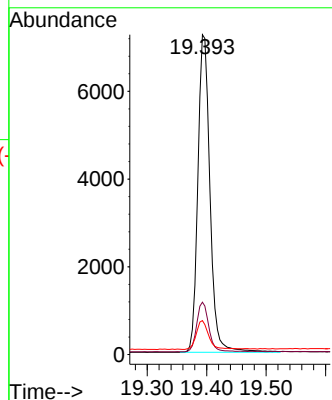
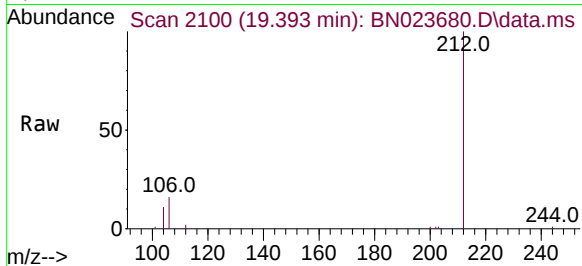




#27
Fluoranthene-d10
Concen: 0.273 ng
RT: 19.393 min Scan# 2110
Delta R.T. 0.004 min
Lab File: BN023680.D
Acq: 17 Jan 2023 13:51

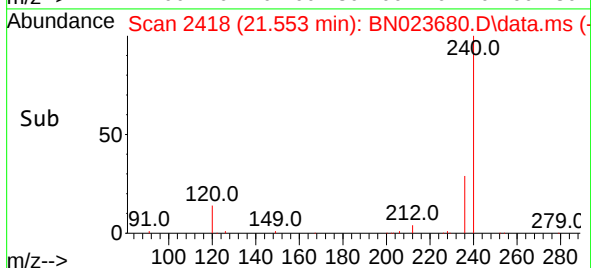
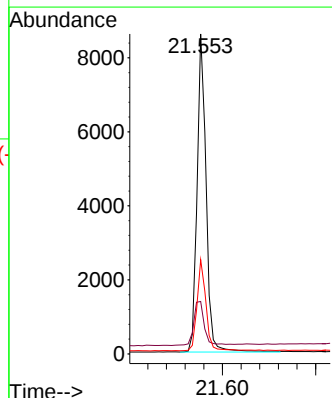
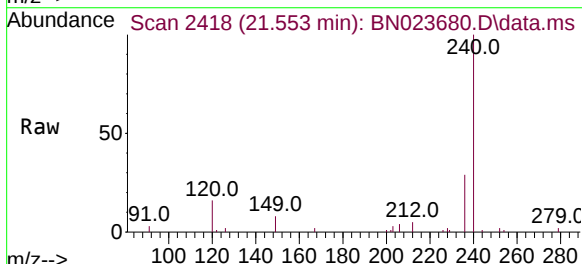
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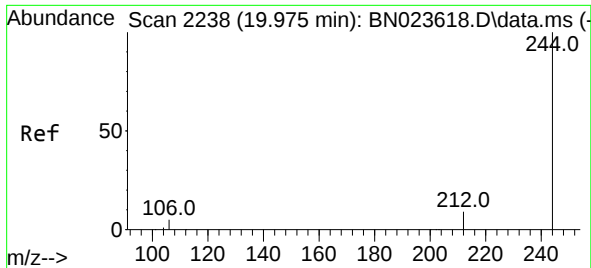
Tgt Ion:212 Resp: 10267
Ion Ratio Lower Upper
212 100
106 15.4 12.2 18.4
104 9.2 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.553 min Scan# 2418
Delta R.T. 0.009 min
Lab File: BN023680.D
Acq: 17 Jan 2023 13:51

Tgt Ion:240 Resp: 11492
Ion Ratio Lower Upper
240 100
120 16.4 10.6 15.8#
236 29.4 23.0 34.6

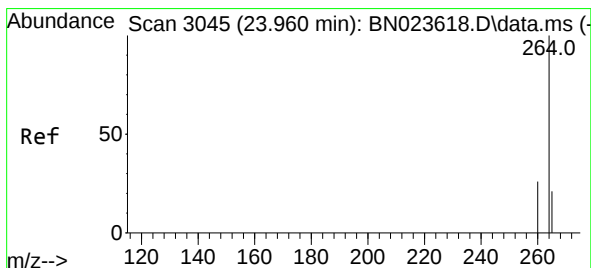
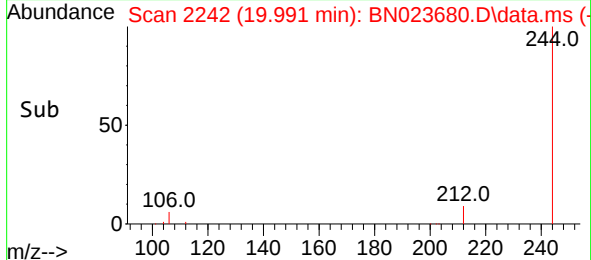
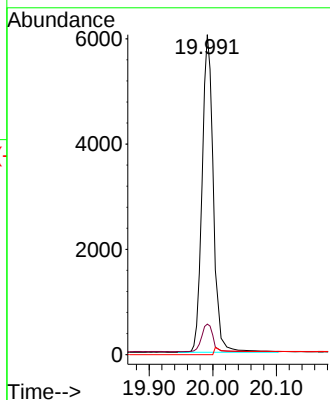
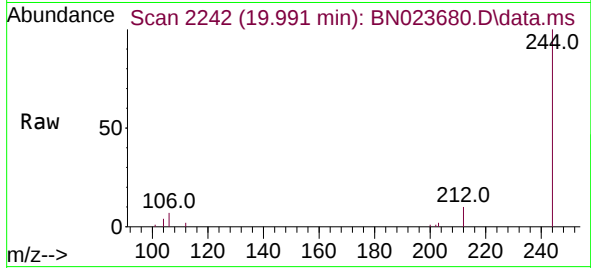




#31
 Terphenyl-d14
 Concen: 0.360 ng
 RT: 19.991 min Scan# 21
 Delta R.T. 0.008 min
 Lab File: BN023680.D
 Acq: 17 Jan 2023 13:51

Instrument :
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Tgt Ion:244 Resp: 10478
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.5 11.3
 122 0.0 0.0 0.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.998 min Scan# 3058
 Delta R.T. 0.014 min
 Lab File: BN023680.D
 Acq: 17 Jan 2023 13:51

Tgt Ion:264 Resp: 8692
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.4 32.2
 265 67.3 56.6 85.0

