

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
 Data File : BN023681.D
 Acq On : 17 Jan 2023 14:31
 Operator : CG/JU
 Sample : PB150198BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB150198BL

Quant Time: Jan 18 05:34:59 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	4112	0.400	ng	0.01
7) Naphthalene-d8	10.776	136	11999	0.400	ng	# 0.01
13) Acenaphthene-d10	14.613	164	6785	0.400	ng	0.01
19) Phenanthrene-d10	17.365	188	15288	0.400	ng	# 0.01
29) Chrysene-d12	21.553	240	11893	0.400	ng	# 0.00
35) Perylene-d12	24.004	264	9199	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.500	112	2905	0.356	ng	0.00
5) Phenol-d6	7.125	99	3591	0.341	ng	0.02
8) Nitrobenzene-d5	9.132	82	2499	0.277	ng	0.02
11) 2-Methylnaphthalene-d10	12.371	152	4918	0.297	ng	0.02
14) 2,4,6-Tribromophenol	16.111	330	800	0.272	ng	0.01
15) 2-Fluorobiphenyl	13.244	172	7842	0.286	ng	0.02
27) Fluoranthene-d10	19.397	212	10192	0.272	ng	0.00
31) Terphenyl-d14	19.991	244	10469	0.348	ng	0.00

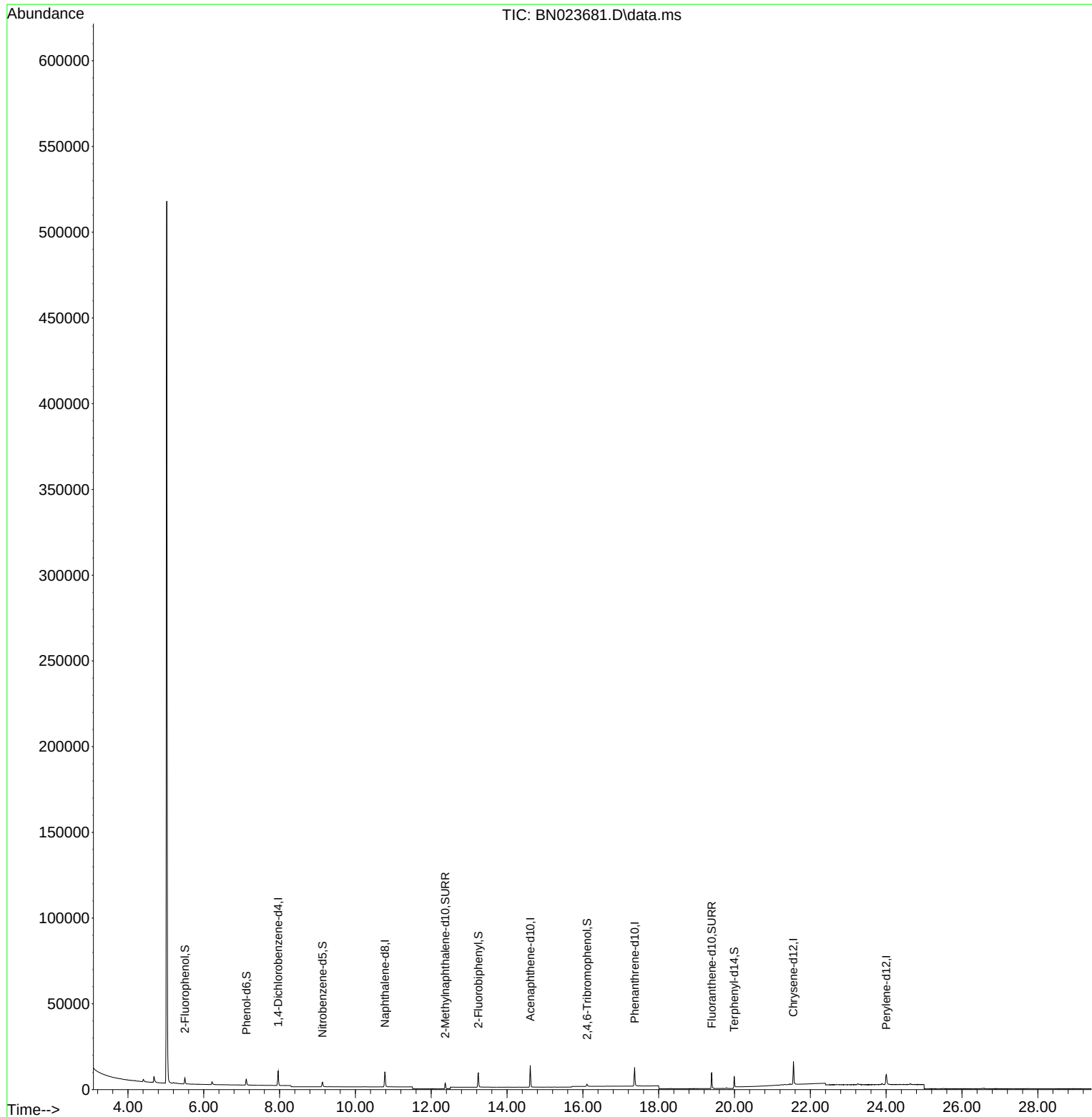
Target Compounds Qvalue

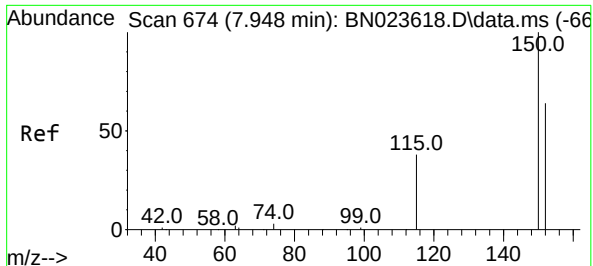
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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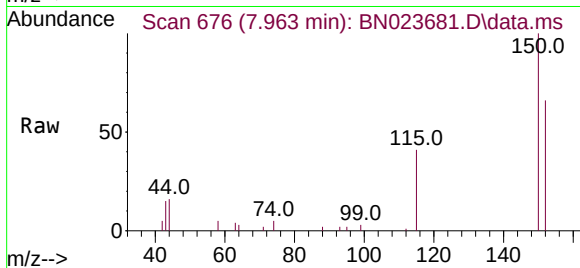
Quant Time: Jan 18 05:34:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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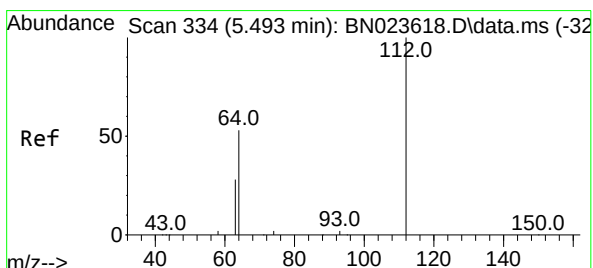
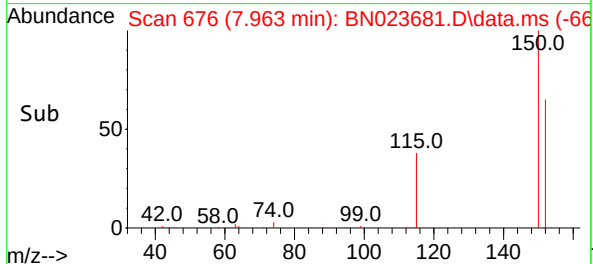
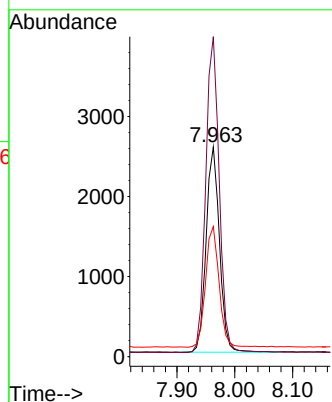


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.963 min Scan# 61
Delta R.T. 0.015 min
Lab File: BN023681.D
Acq: 17 Jan 2023 14:31

Instrument :
BNA_N
ClientSampleId :
PB150198BL

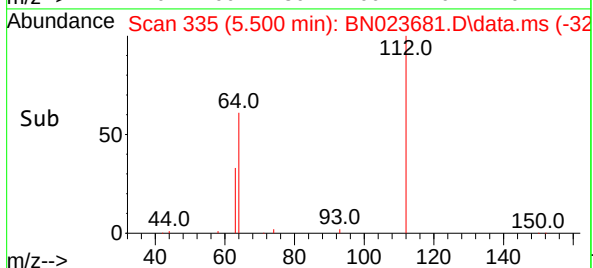
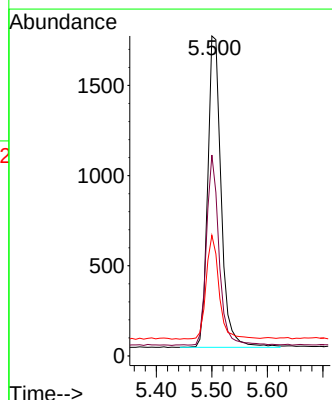
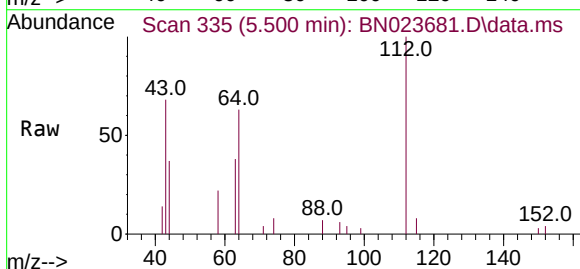


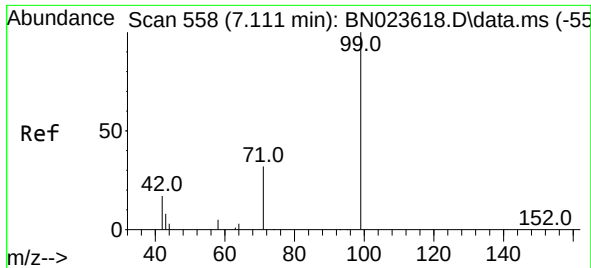
Tgt Ion:152 Resp: 4112
Ion Ratio Lower Upper
152 100
150 152.6 123.8 185.8
115 62.0 50.6 75.8



#4
2-Fluorophenol
Concen: 0.356 ng
RT: 5.500 min Scan# 335
Delta R.T. 0.007 min
Lab File: BN023681.D
Acq: 17 Jan 2023 14:31

Tgt Ion:112 Resp: 2905
Ion Ratio Lower Upper
112 100
64 57.2 44.9 67.3
63 32.2 24.9 37.3

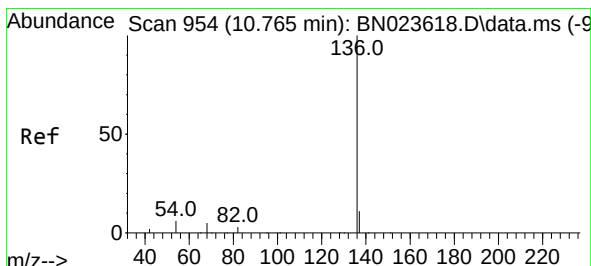
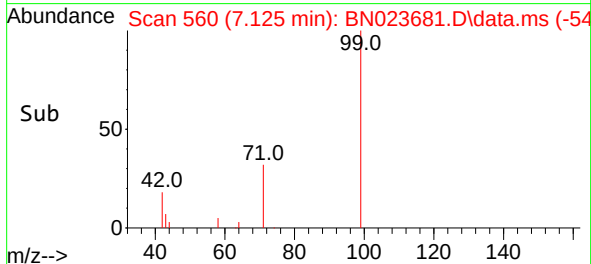
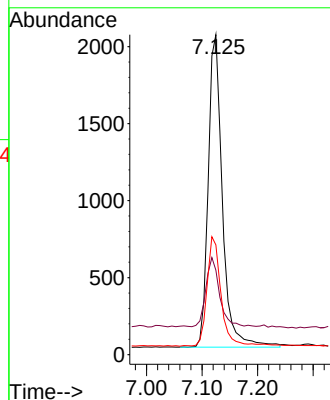
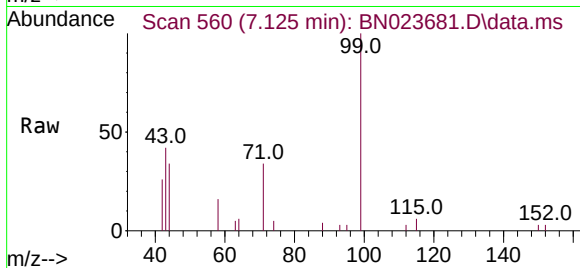




#5
Phenol-d6
Concen: 0.341 ng
RT: 7.125 min Scan# 50
Delta R.T. 0.022 min
Lab File: BN023681.D
Acq: 17 Jan 2023 14:31

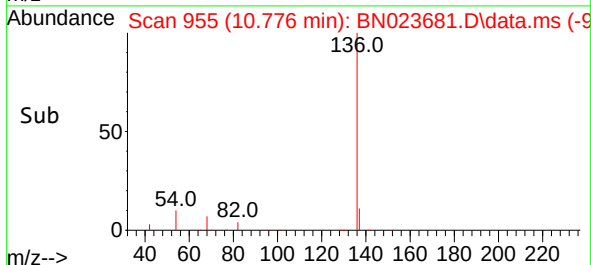
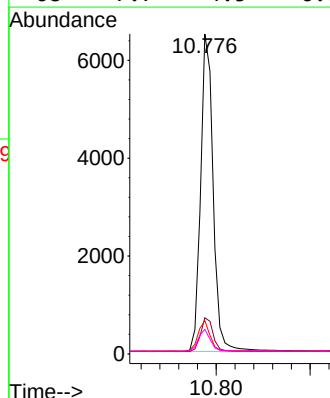
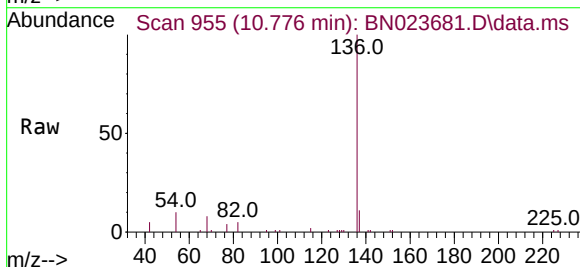
Instrument :
BNA_N
ClientSampleId :
PB150198BL

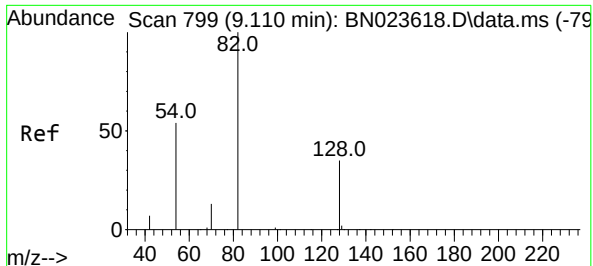
Tgt Ion:	99	Resp:	3591
Ion	Ratio	Lower	Upper
99	100		
42	21.3	18.8	28.2
71	35.2	28.2	42.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.776 min Scan# 955
Delta R.T. 0.011 min
Lab File: BN023681.D
Acq: 17 Jan 2023 14:31

Tgt Ion:	136	Resp:	11999
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	10.4	5.7	8.5#
68	7.7	4.5	6.7#

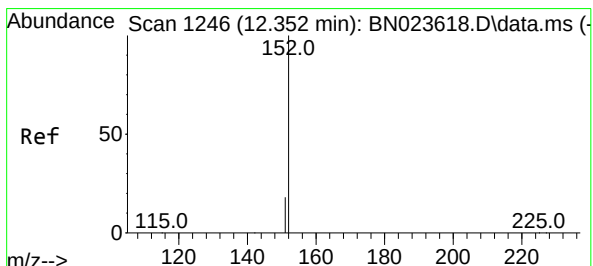
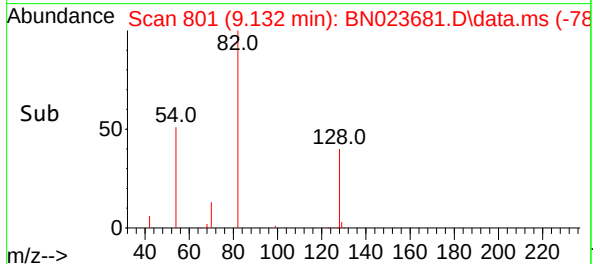
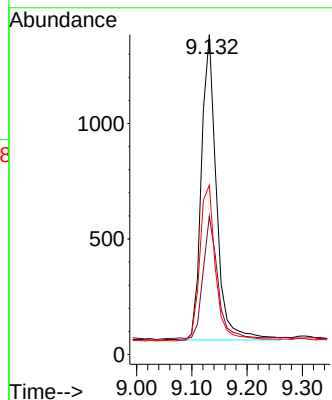
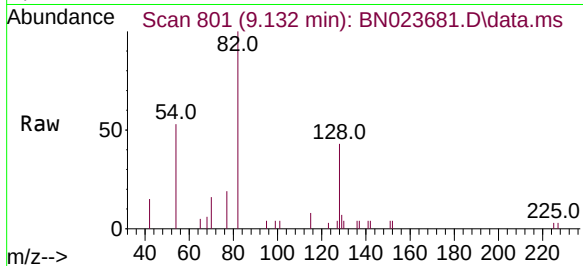




#8
 Nitrobenzene-d5
 Concen: 0.277 ng
 RT: 9.132 min Scan# 80
 Delta R.T. 0.021 min
 Lab File: BN023681.D
 Acq: 17 Jan 2023 14:31

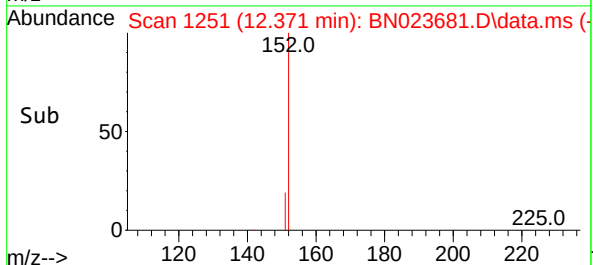
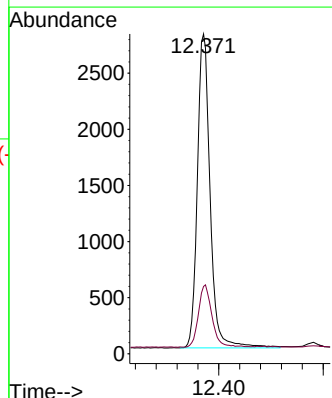
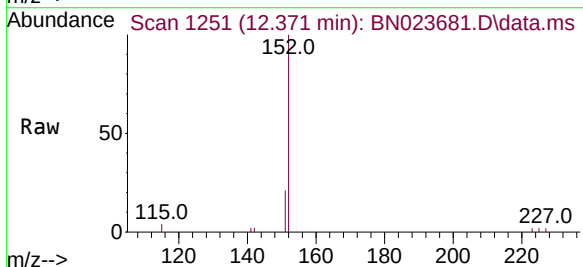
Instrument :
 BNA_N
 ClientSampleId :
 PB150198BL

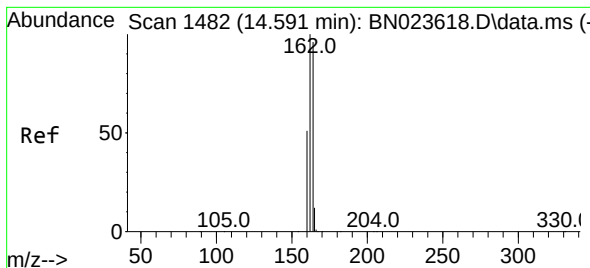
Tgt Ion: 82 Resp: 2499
 Ion Ratio Lower Upper
 82 100
 128 43.2 29.8 44.8
 54 52.9 43.9 65.9



#11
 2-Methylnaphthalene-d10
 Concen: 0.297 ng
 RT: 12.371 min Scan# 1251
 Delta R.T. 0.015 min
 Lab File: BN023681.D
 Acq: 17 Jan 2023 14:31

Tgt Ion: 152 Resp: 4918
 Ion Ratio Lower Upper
 152 100
 151 20.0 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: BN023681.D

Acq: 17 Jan 2023 14:31

Instrument :

BNA_N

ClientSampleId :

PB150198BL

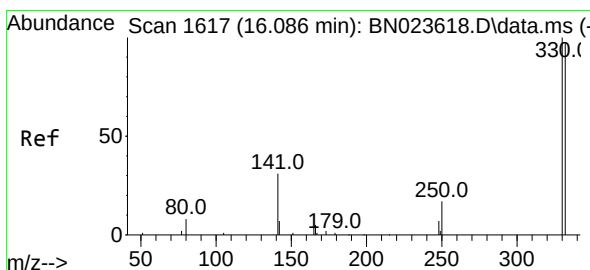
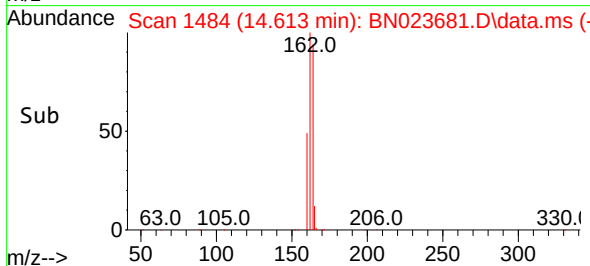
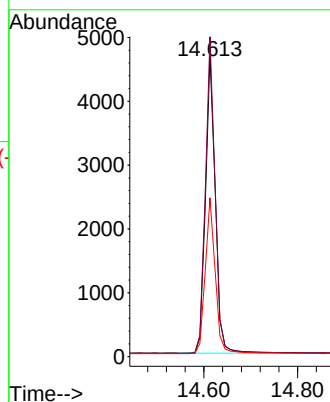
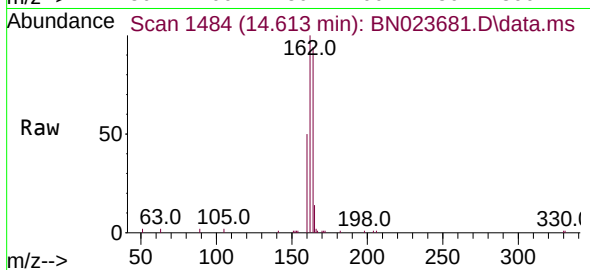
Tgt Ion:164 Resp: 6785

Ion Ratio Lower Upper

164 100

162 106.4 83.4 125.2

160 52.8 42.7 64.1



#14

2,4,6-Tribromophenol

Concen: 0.272 ng

RT: 16.111 min Scan# 1619

Delta R.T. 0.012 min

Lab File: BN023681.D

Acq: 17 Jan 2023 14:31

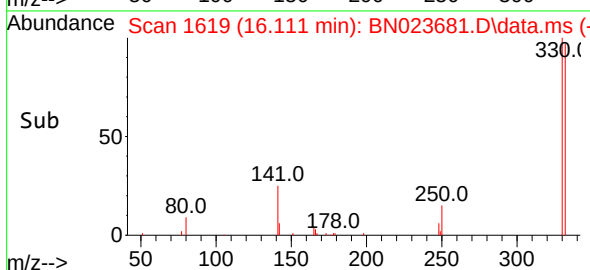
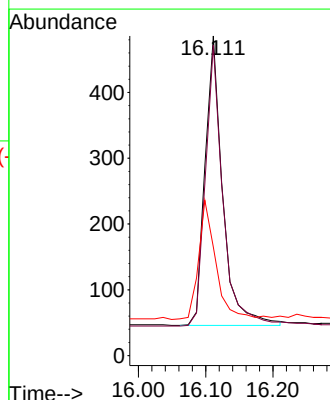
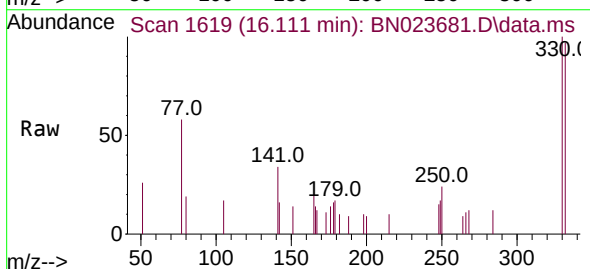
Tgt Ion:330 Resp: 800

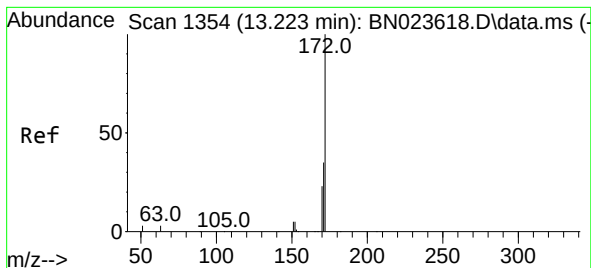
Ion Ratio Lower Upper

330 100

332 95.8 78.1 117.1

141 40.6 33.4 50.0





#15

2-Fluorobiphenyl

Concen: 0.286 ng

RT: 13.244 min Scan# 1354

Delta R.T. 0.021 min

Lab File: BN023681.D

Acq: 17 Jan 2023 14:31

Instrument :

BNA_N

ClientSampleId :

PB150198BL

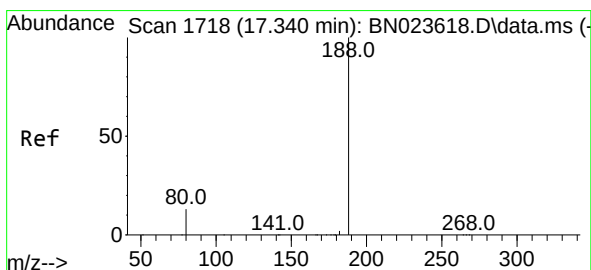
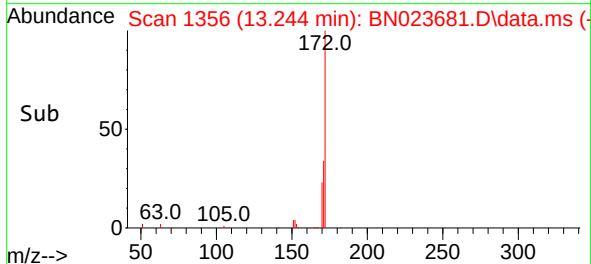
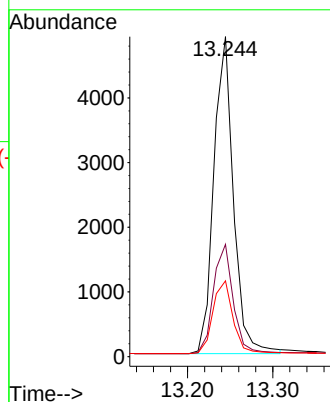
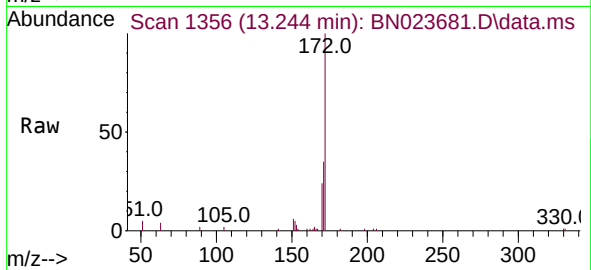
Tgt Ion:172 Resp: 7842

Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 23.7 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: BN023681.D

Acq: 17 Jan 2023 14:31

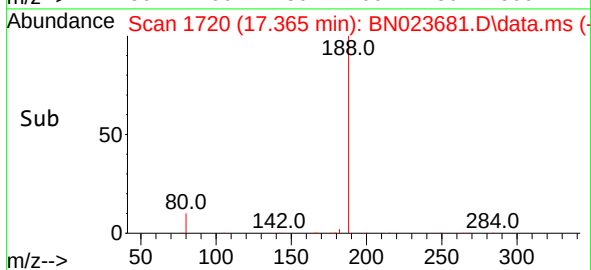
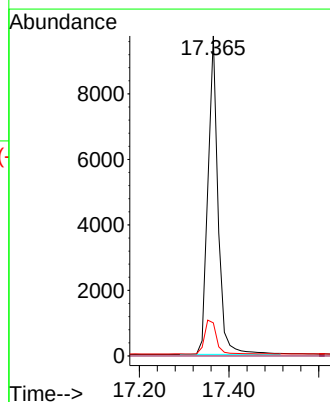
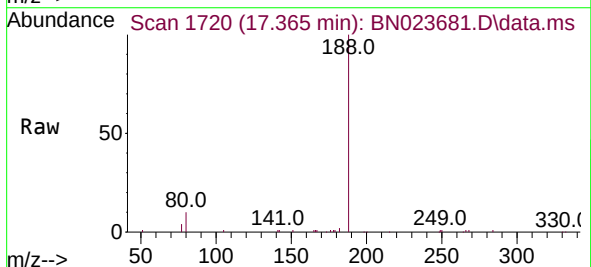
Tgt Ion:188 Resp: 15288

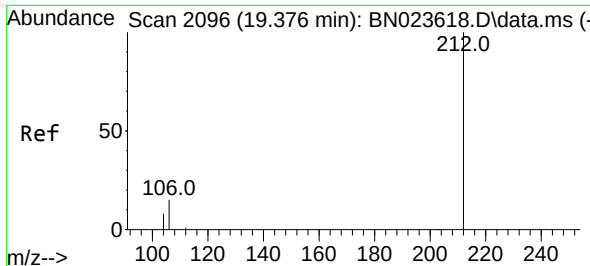
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 11.0 16.4

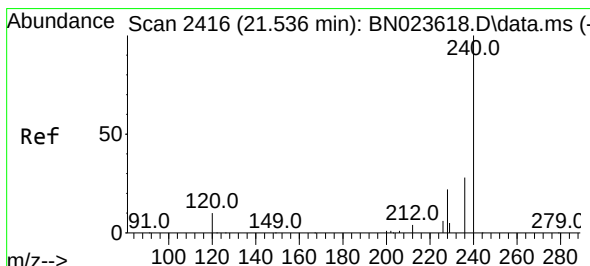
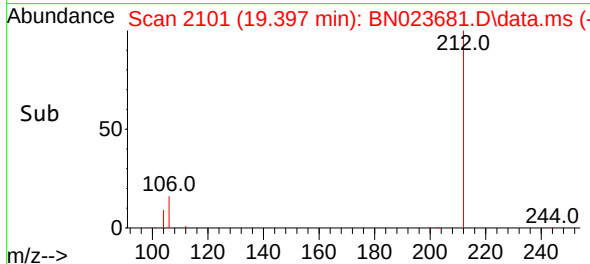
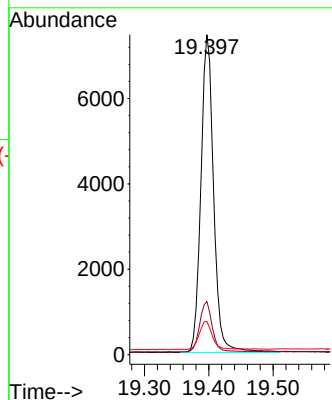
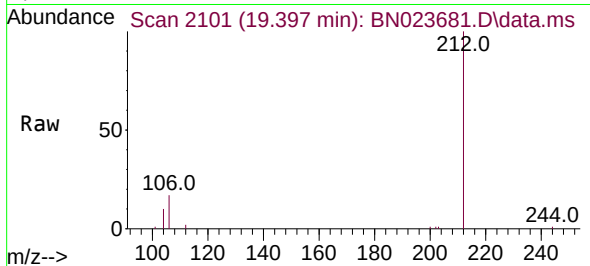




#27
Fluoranthene-d10
Concen: 0.272 ng
RT: 19.397 min Scan# 2101
Delta R.T. 0.008 min
Lab File: BN023681.D
Acq: 17 Jan 2023 14:31

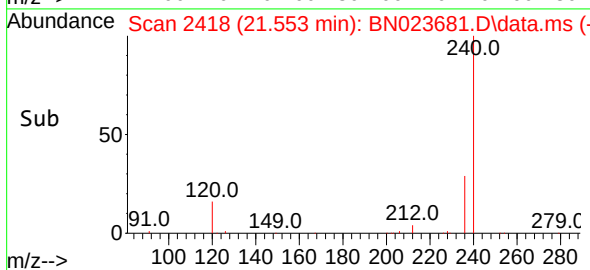
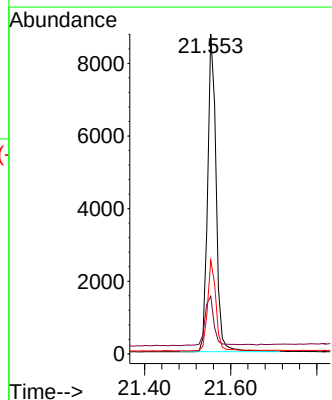
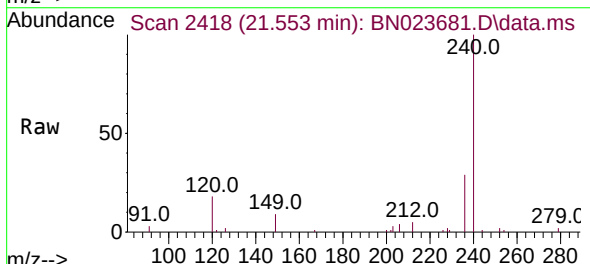
Instrument :
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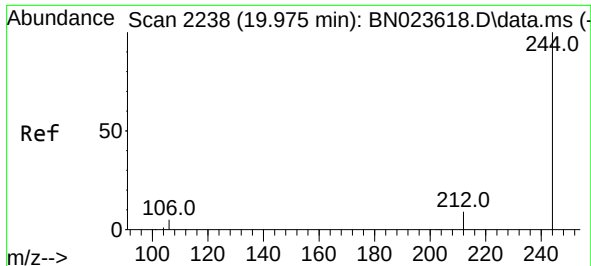
Tgt Ion:212 Resp: 10192
Ion Ratio Lower Upper
212 100
106 15.8 12.2 18.4
104 9.2 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.553 min Scan# 2418
Delta R.T. 0.009 min
Lab File: BN023681.D
Acq: 17 Jan 2023 14:31

Tgt Ion:240 Resp: 11893
Ion Ratio Lower Upper
240 100
120 18.0 10.6 15.8#
236 29.3 23.0 34.6

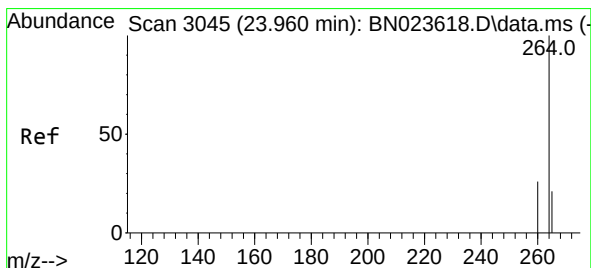
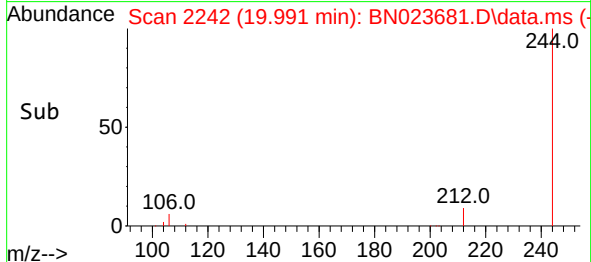
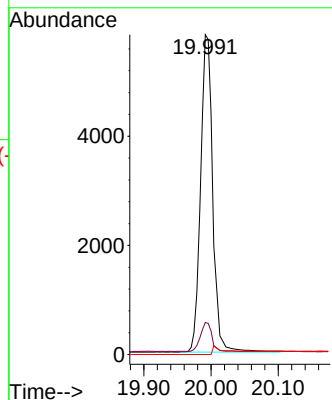
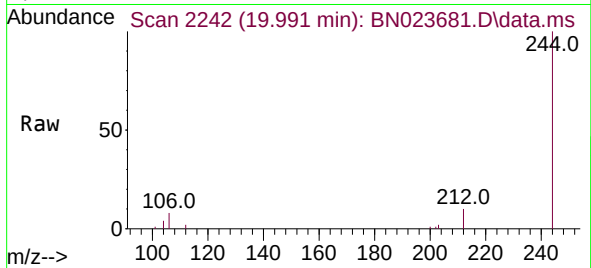




#31
 Terphenyl-d14
 Concen: 0.348 ng
 RT: 19.991 min Scan# 21
 Delta R.T. 0.008 min
 Lab File: BN023681.D
 Acq: 17 Jan 2023 14:31

Instrument :
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Tgt Ion:244 Resp: 10469
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.5 11.3
 122 0.0 0.0 0.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.004 min Scan# 3060
 Delta R.T. 0.020 min
 Lab File: BN023681.D
 Acq: 17 Jan 2023 14:31

Tgt Ion:264 Resp: 9199
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.4 32.2
 265 62.3 56.6 85.0

