

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025644.D
 Acq On : 27 May 2023 14:37
 Operator : CG/JU
 Sample : PB153051BL
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB153051BL

Quant Time: May 29 00:52:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.027	152	5578	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	14592	0.400	ng	# 0.01
13) Acenaphthene-d10	14.651	164	8227	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	16153	0.400	ng	# 0.01
29) Chrysene-d12	21.578	240	8687	0.400	ng	0.00
35) Perylene-d12	24.060	264	7109	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	5564	0.389	ng	0.00
5) Phenol-d6	7.182	99	5634	0.329	ng	0.00
8) Nitrobenzene-d5	9.202	82	4192	0.343	ng	0.01
11) 2-Methylnaphthalene-d10	12.427	152	8306	0.399	ng	0.00
14) 2,4,6-Tribromophenol	16.165	330	503	0.302	ng	0.01
15) 2-Fluorobiphenyl	13.294	172	12103	0.356	ng	0.01
27) Fluoranthene-d10	19.426	212	14594	0.399	ng	0.00
31) Terphenyl-d14	20.016	244	9187	0.483	ng	0.00

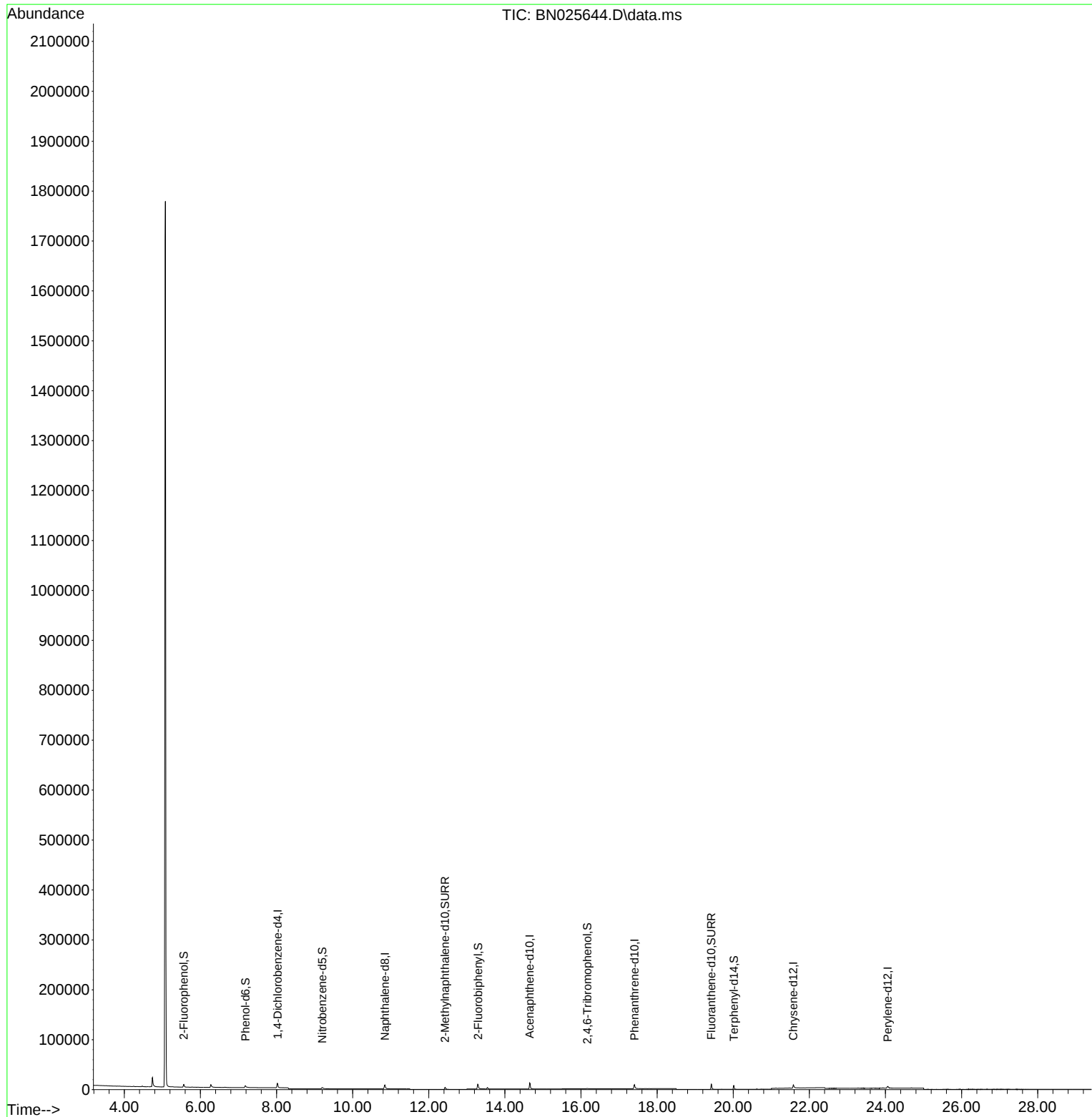
Target Compounds Qvalue

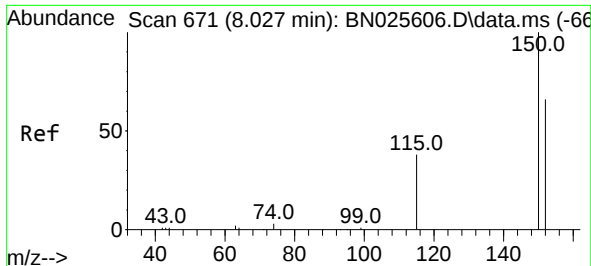
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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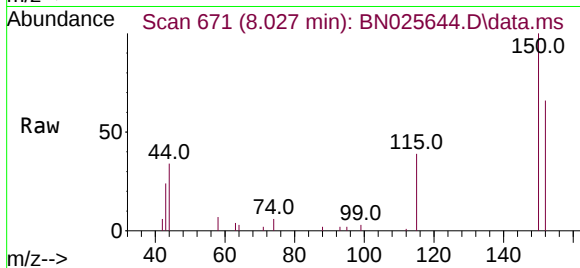
Quant Time: May 29 00:52:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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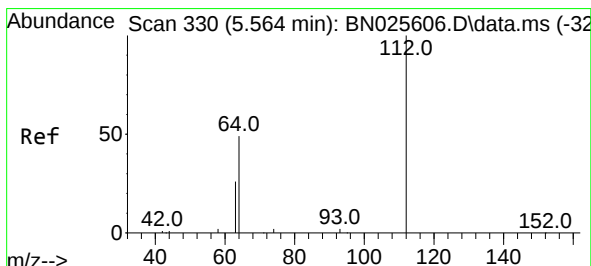
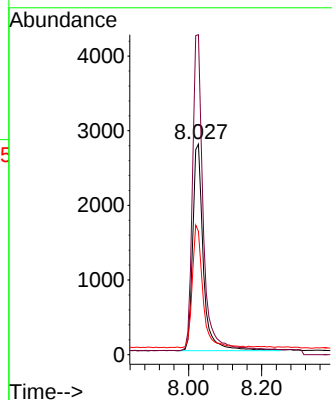
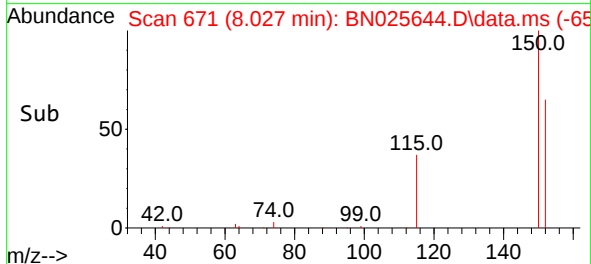


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.027 min Scan# 61
Delta R.T. 0.008 min
Lab File: BN025644.D
Acq: 27 May 2023 14:37

Instrument :
BNA_N
ClientSampleId :
PB153051BL

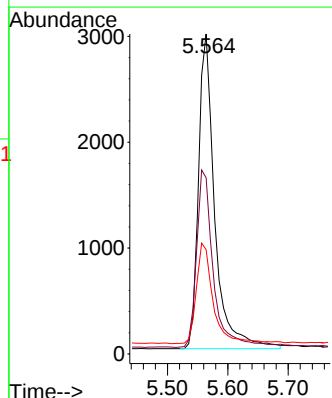
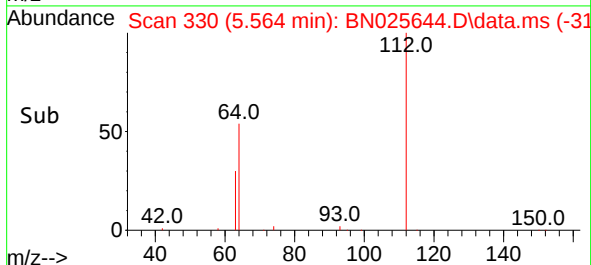
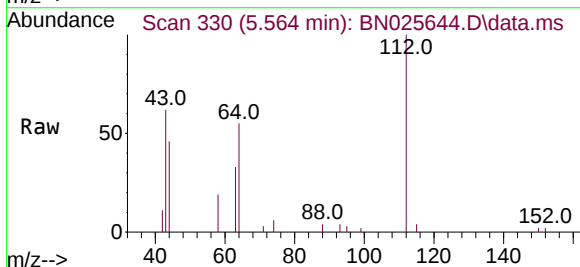


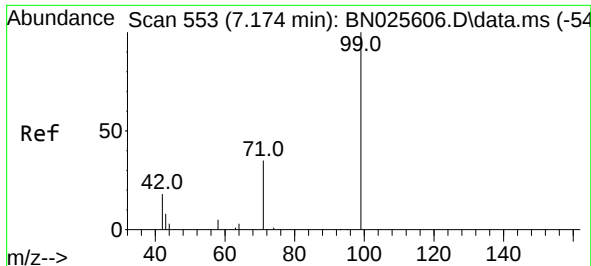
Tgt Ion:152 Resp: 5578
Ion Ratio Lower Upper
152 100
150 152.0 121.0 181.6
115 58.6 48.5 72.7



#4
2-Fluorophenol
Concen: 0.389 ng
RT: 5.564 min Scan# 330
Delta R.T. 0.007 min
Lab File: BN025644.D
Acq: 27 May 2023 14:37

Tgt Ion:112 Resp: 5564
Ion Ratio Lower Upper
112 100
64 58.1 45.7 68.5
63 33.4 26.2 39.2

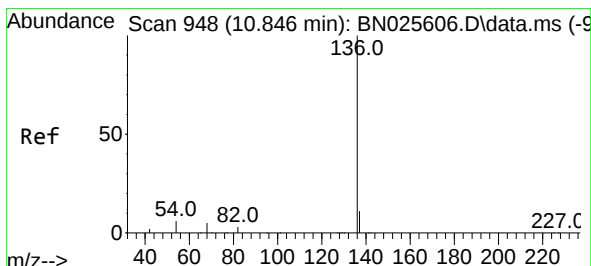
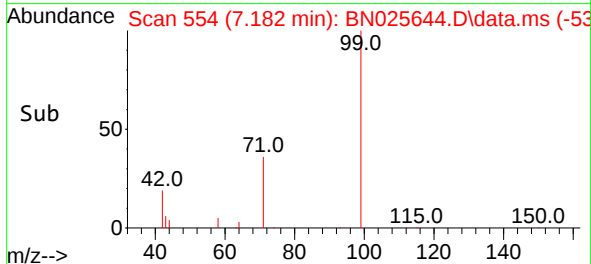
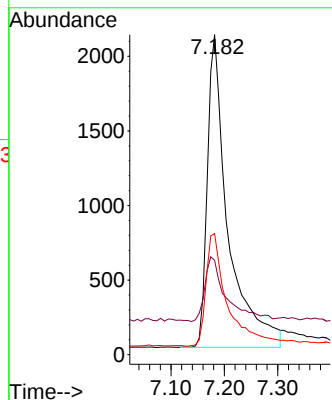
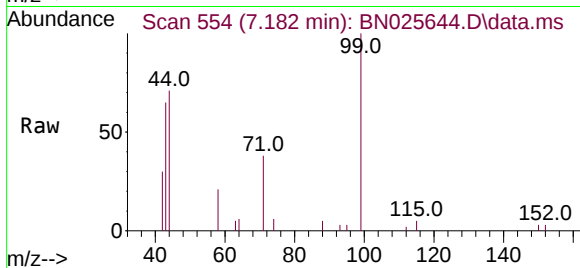




#5
Phenol-d6
Concen: 0.329 ng
RT: 7.182 min Scan# 511
Delta R.T. 0.007 min
Lab File: BN025644.D
Acq: 27 May 2023 14:37

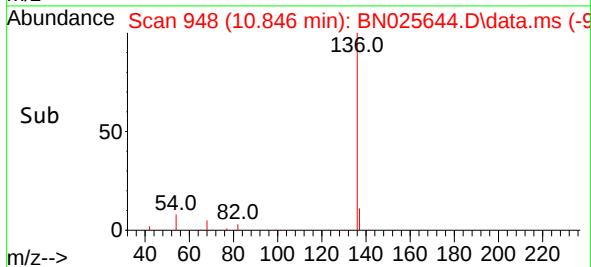
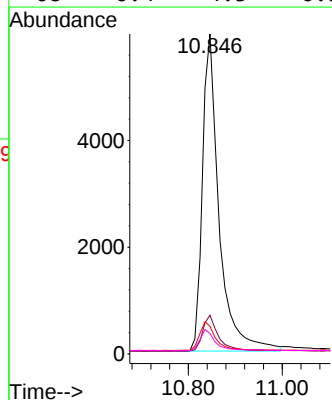
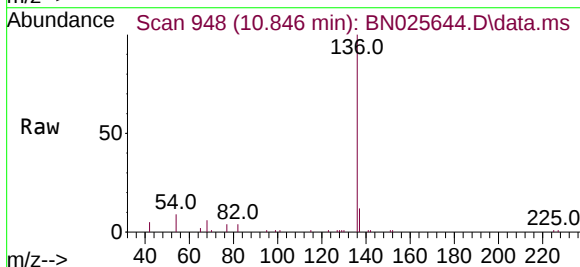
Instrument :
BNA_N
ClientSampleId :
PB153051BL

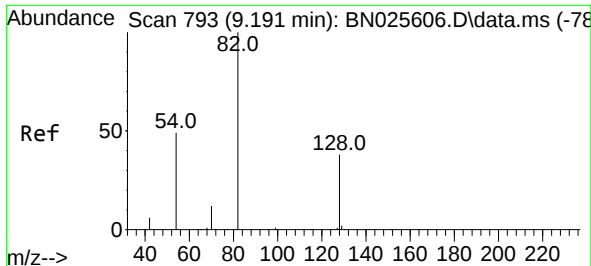
Tgt Ion: 99 Resp: 5634
Ion Ratio Lower Upper
99 100
42 22.0 17.1 25.7
71 37.8 29.3 43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. 0.011 min
Lab File: BN025644.D
Acq: 27 May 2023 14:37

Tgt Ion:136 Resp: 14592
Ion Ratio Lower Upper
136 100
137 12.1 9.1 13.7
54 8.7 5.4 8.0#
68 6.4 4.3 6.5

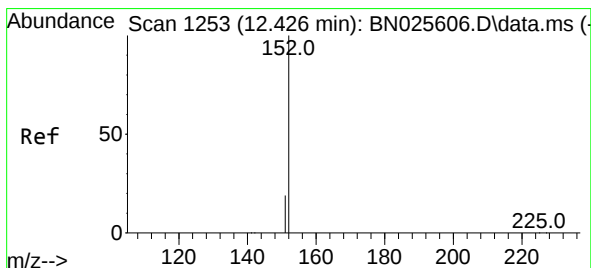
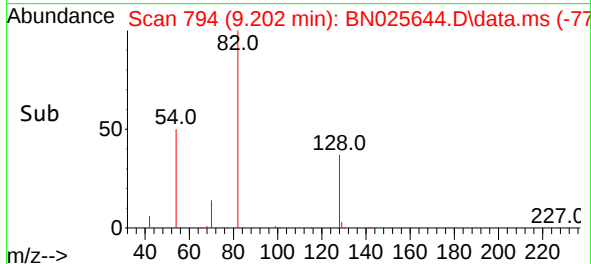
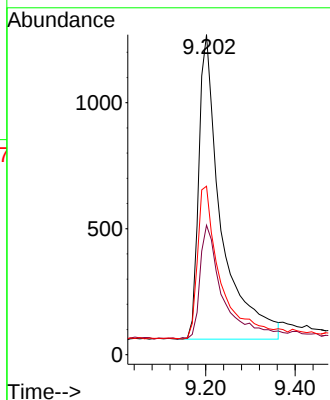
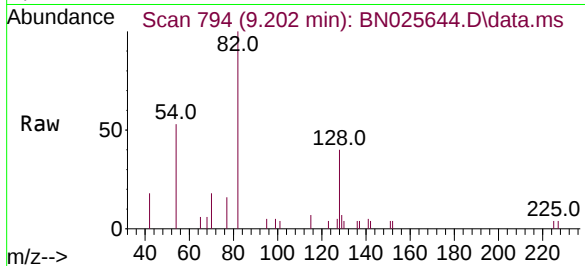




#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025644.D
Acq: 27 May 2023 14:37

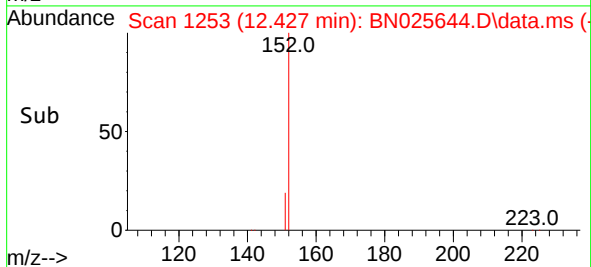
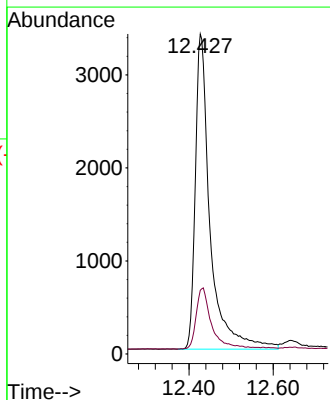
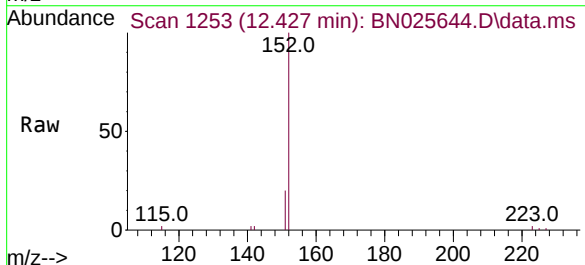
Instrument :
BNA_N
ClientSampleId :
PB153051BL

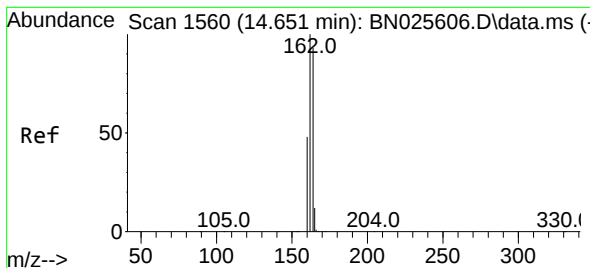
Tgt Ion: 82 Resp: 4192
Ion Ratio Lower Upper
82 100
128 40.5 32.5 48.7
54 52.7 40.6 60.8



#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 12.427 min Scan# 1253
Delta R.T. 0.004 min
Lab File: BN025644.D
Acq: 27 May 2023 14:37

Tgt Ion: 152 Resp: 8306
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.651 min Scan# 1560

Delta R.T. 0.000 min

Lab File: BN025644.D

Acq: 27 May 2023 14:37

Instrument :

BNA_N

ClientSampleId :

PB153051BL

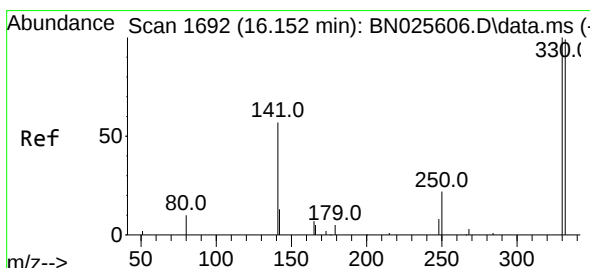
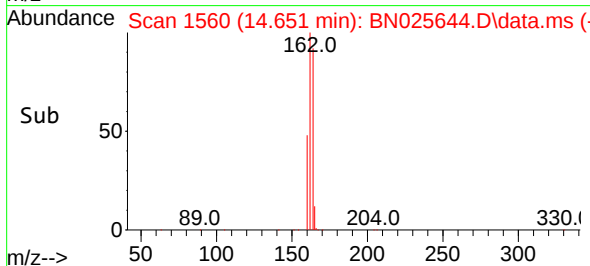
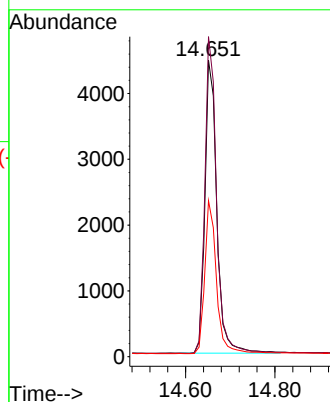
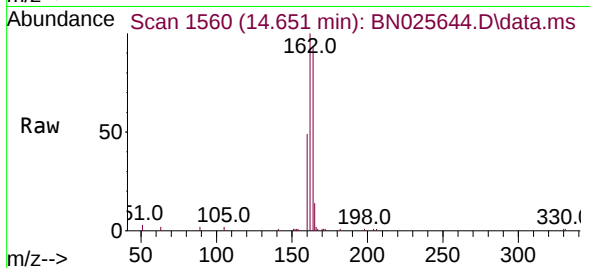
Tgt Ion:164 Resp: 8227

Ion Ratio Lower Upper

164 100

162 108.0 86.4 129.6

160 52.7 41.9 62.9



#14

2,4,6-Tribromophenol

Concen: 0.302 ng

RT: 16.165 min Scan# 1693

Delta R.T. 0.012 min

Lab File: BN025644.D

Acq: 27 May 2023 14:37

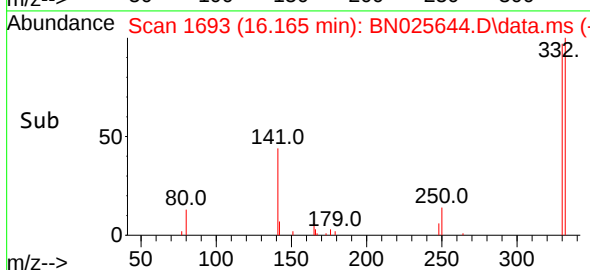
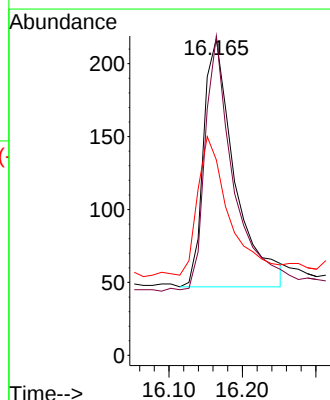
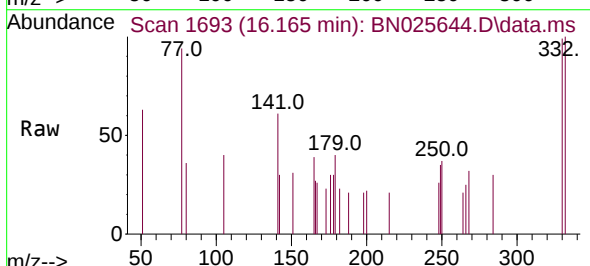
Tgt Ion:330 Resp: 503

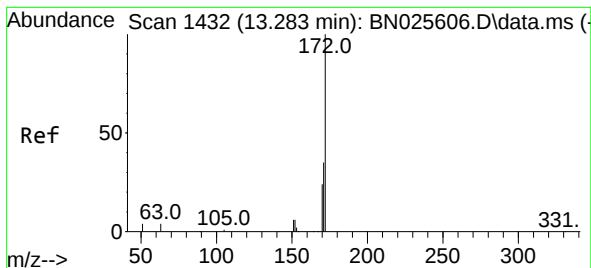
Ion Ratio Lower Upper

330 100

332 95.2 80.0 120.0

141 56.9 45.8 68.6

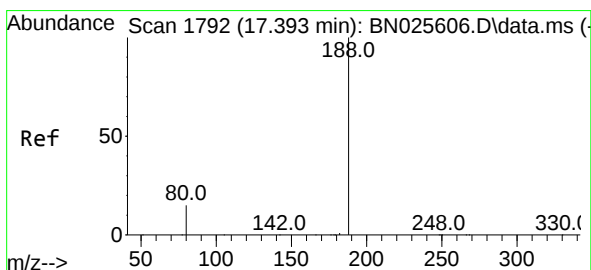
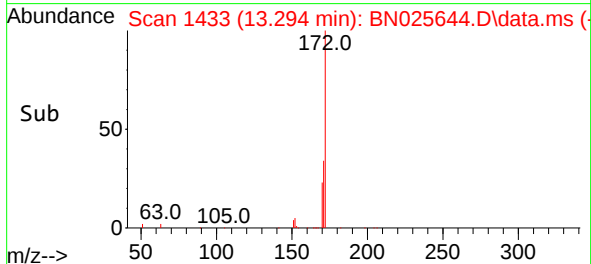
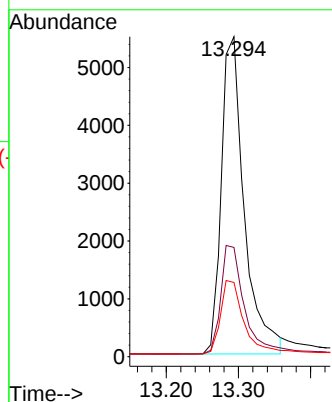
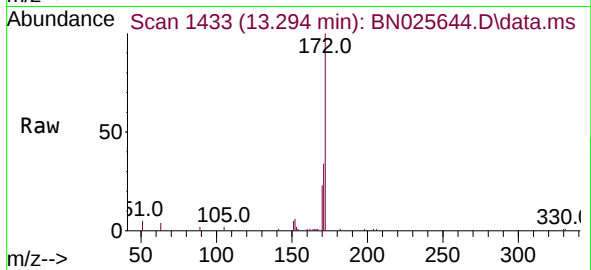




#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.294 min Scan# 1432
Delta R.T. 0.011 min
Lab File: BN025644.D
Acq: 27 May 2023 14:37

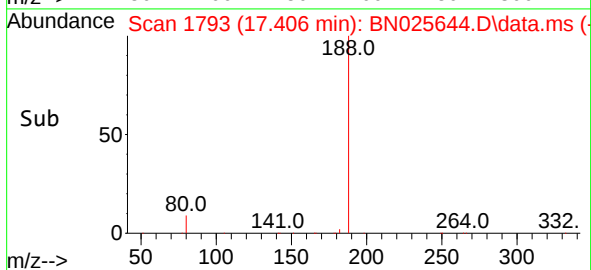
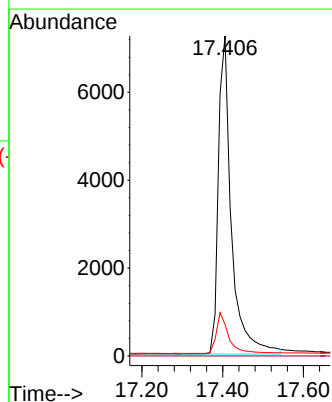
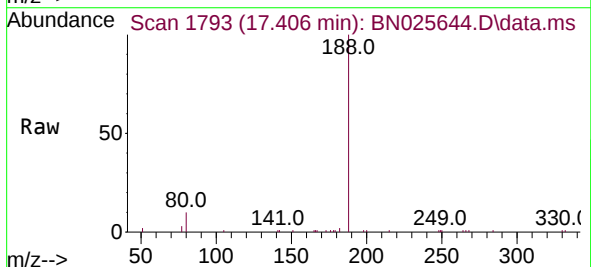
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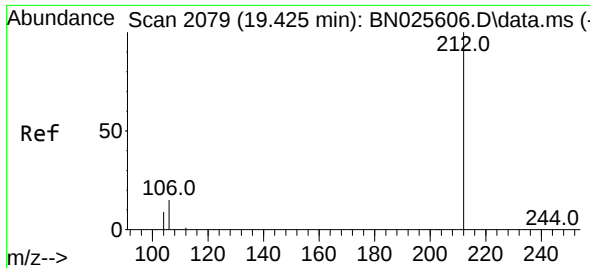
Tgt Ion:172 Resp: 12103
Ion Ratio Lower Upper
172 100
171 34.2 28.6 42.8
170 23.2 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 1793
Delta R.T. 0.012 min
Lab File: BN025644.D
Acq: 27 May 2023 14:37

Tgt Ion:188 Resp: 16153
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 12.2 18.2#

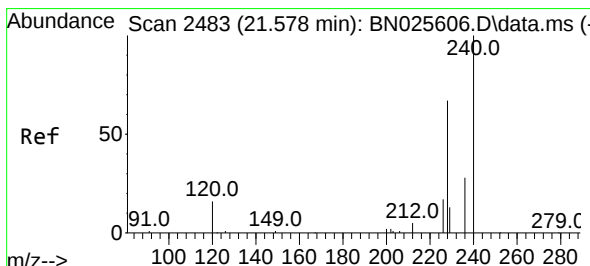
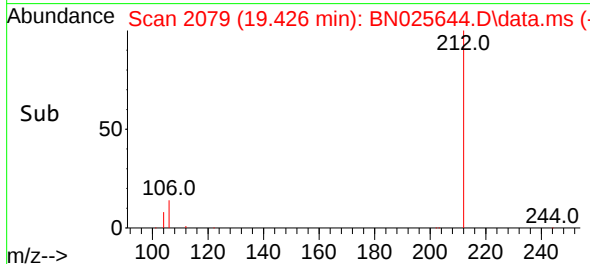
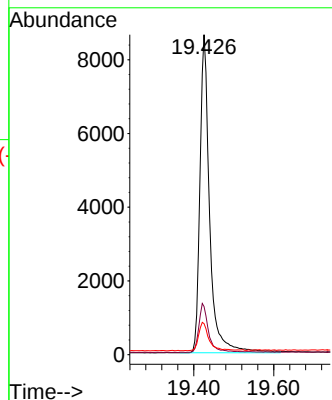
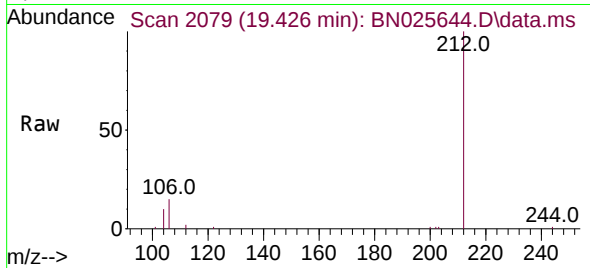




#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.426 min Scan# 2079
Delta R.T. 0.005 min
Lab File: BN025644.D
Acq: 27 May 2023 14:37

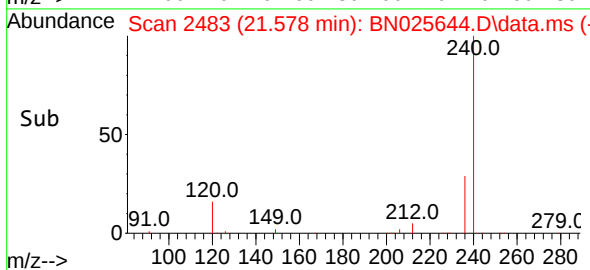
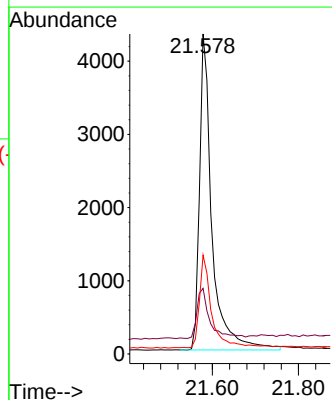
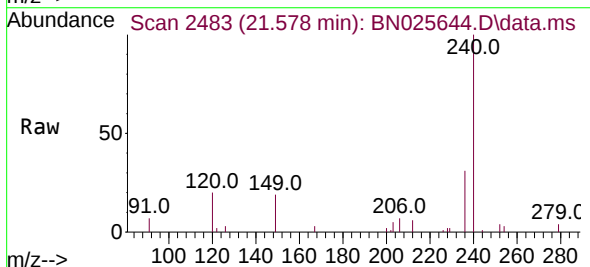
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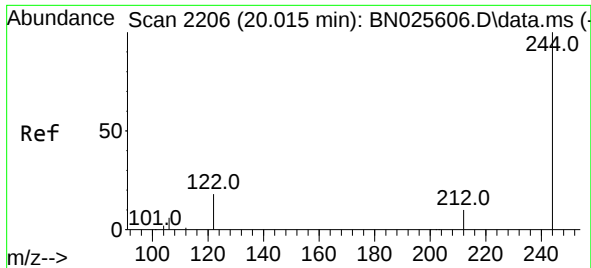
Tgt Ion:212 Resp: 14594
Ion Ratio Lower Upper
212 100
106 15.3 12.3 18.5
104 8.9 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN025644.D
Acq: 27 May 2023 14:37

Tgt Ion:240 Resp: 8687
Ion Ratio Lower Upper
240 100
120 20.5 15.4 23.0
236 30.9 23.2 34.8

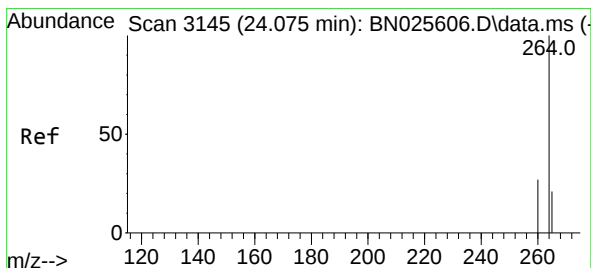
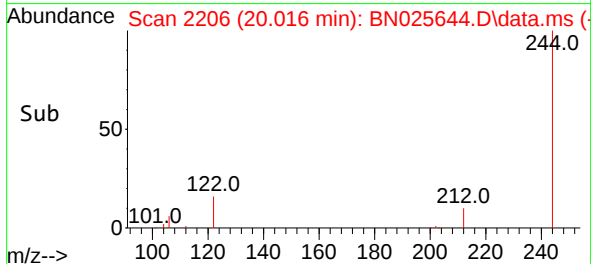
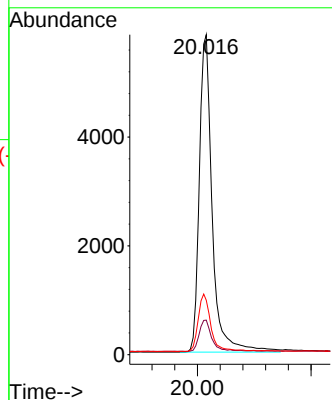
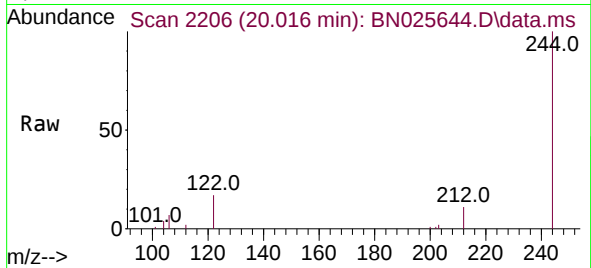




#31
 Terphenyl-d14
 Concen: 0.483 ng
 RT: 20.016 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN025644.D
 Acq: 27 May 2023 14:37

Instrument :
 BNA_N
 ClientSampleId :
 PB153051BL

Tgt Ion:244 Resp: 9187
 Ion Ratio Lower Upper
 244 100
 212 10.8 8.5 12.7
 122 17.0 14.9 22.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.060 min Scan# 3140
 Delta R.T. -0.009 min
 Lab File: BN025644.D
 Acq: 27 May 2023 14:37

Tgt Ion:264 Resp: 7109
 Ion Ratio Lower Upper
 264 100
 260 27.2 22.3 33.5
 265 78.1 54.3 81.5

