

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025625.D
 Acq On : 27 May 2023 02:06
 Operator : CG/JU
 Sample : PB153027BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB153027BL

Quant Time: May 27 04:38:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 27 03:51:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.027	152	6330	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	16740	0.400	ng	# 0.00
13) Acenaphthene-d10	14.662	164	8881	0.400	ng	0.01
19) Phenanthrene-d10	17.406	188	16224	0.400	ng	# 0.01
29) Chrysene-d12	21.587	240	7243	0.400	ng	0.00
35) Perylene-d12	24.078	264	3648	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	5907	0.364	ng	0.00
5) Phenol-d6	7.182	99	5843	0.300	ng	0.00
8) Nitrobenzene-d5	9.202	82	4275	0.305	ng	0.01
11) 2-Methylnaphthalene-d10	12.427	152	8341	0.349	ng	0.00
14) 2,4,6-Tribromophenol	16.164	330	296	0.165	ng	0.01
15) 2-Fluorobiphenyl	13.294	172	12940	0.353	ng	0.01
27) Fluoranthene-d10	19.426	212	11672	0.318	ng	0.00
31) Terphenyl-d14	20.016	244	8584	0.541	ng	0.00

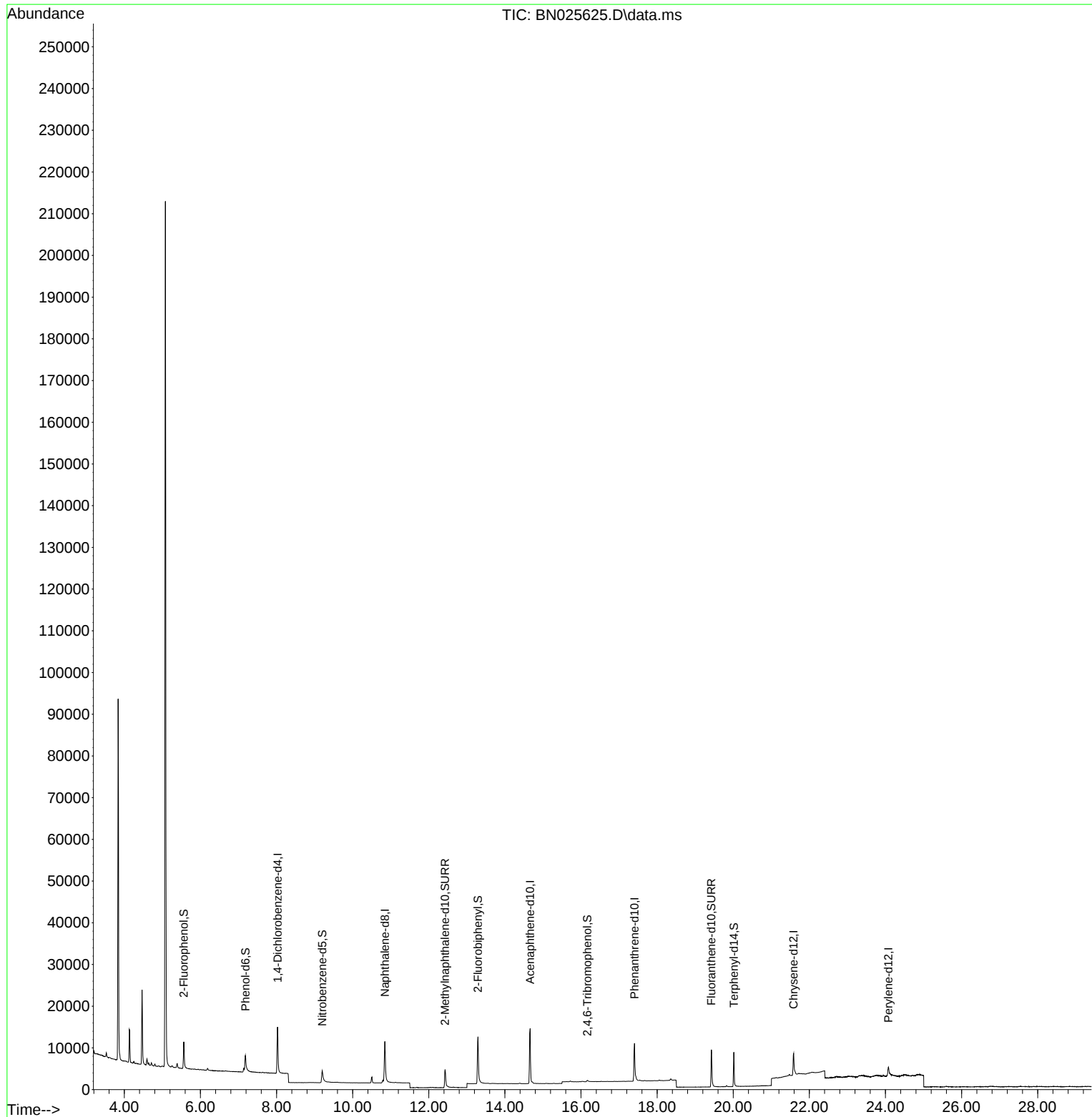
Target Compounds Qvalue

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

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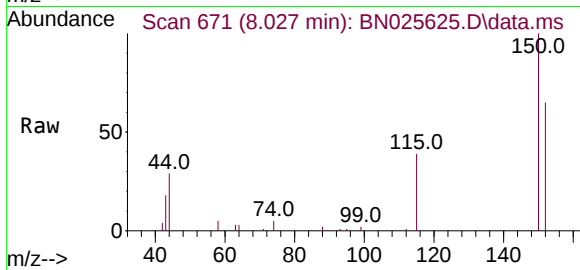
Quant Time: May 27 04:38:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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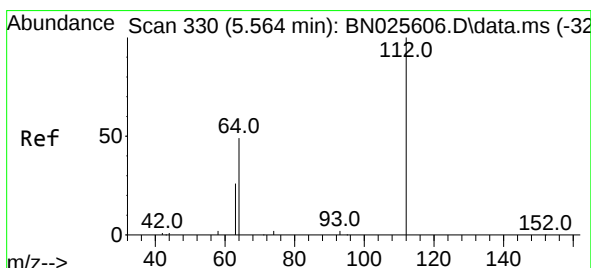
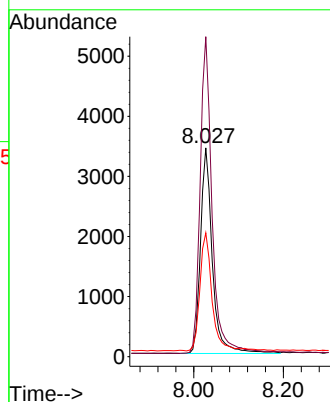
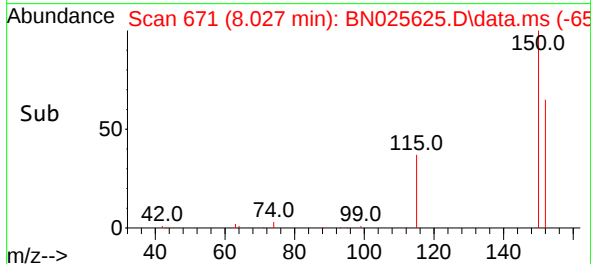


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.027 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025625.D
Acq: 27 May 2023 02:06

Instrument :
BNA_N
ClientSampleId :
PB153027BL

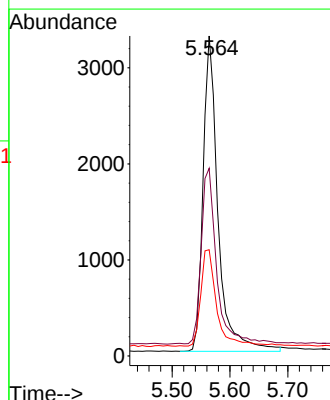
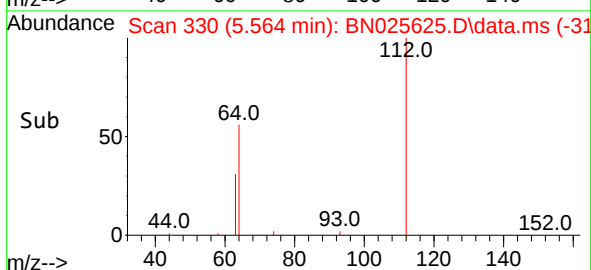
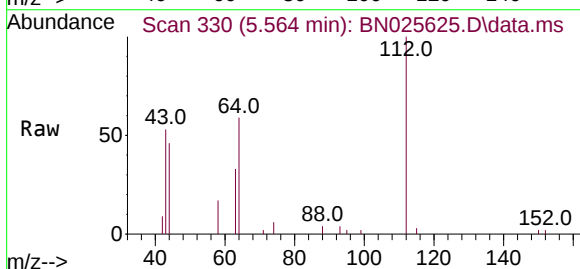


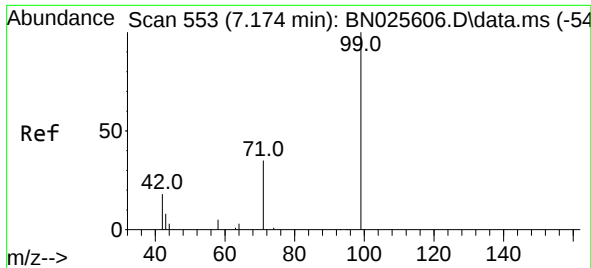
Tgt Ion:152 Resp: 6330
Ion Ratio Lower Upper
152 100
150 153.3 121.0 181.6
115 59.4 48.5 72.7



#4
2-Fluorophenol
Concen: 0.364 ng
RT: 5.564 min Scan# 330
Delta R.T. 0.000 min
Lab File: BN025625.D
Acq: 27 May 2023 02:06

Tgt Ion:112 Resp: 5907
Ion Ratio Lower Upper
112 100
64 58.0 45.7 68.5
63 33.1 26.2 39.2

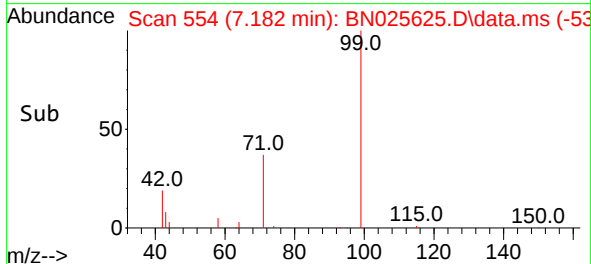
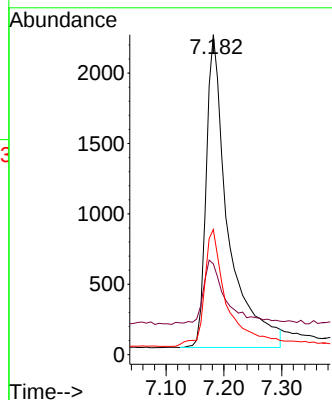
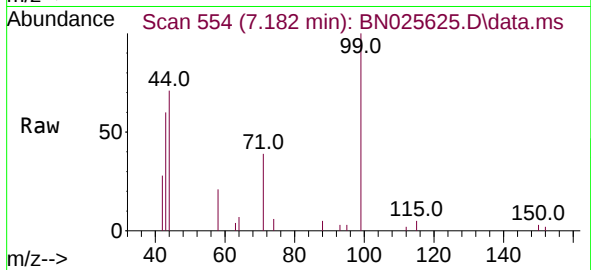




#5
Phenol-d6
Concen: 0.300 ng
RT: 7.182 min Scan# 511
Delta R.T. 0.007 min
Lab File: BN025625.D
Acq: 27 May 2023 02:06

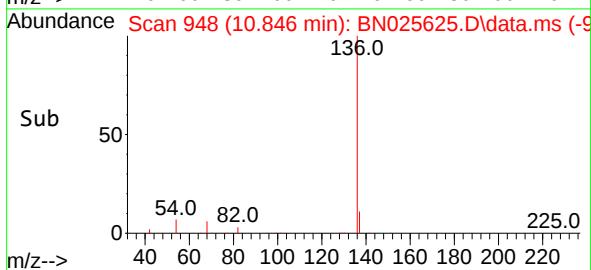
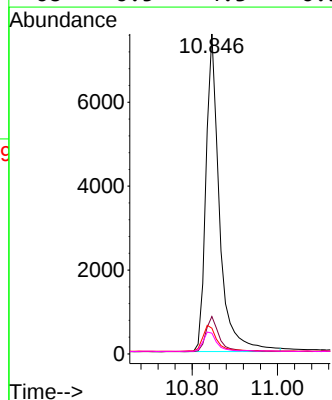
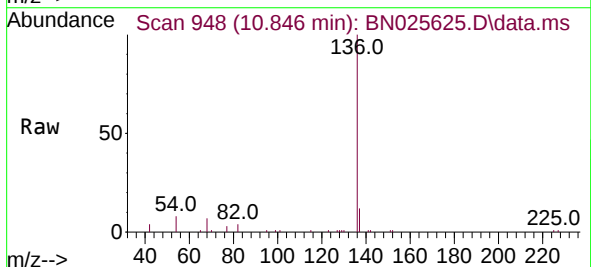
Instrument :
BNA_N
ClientSampleId :
PB153027BL

Tgt Ion: 99 Resp: 5843
Ion Ratio Lower Upper
99 100
42 21.8 17.1 25.7
71 38.5 29.3 43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN025625.D
Acq: 27 May 2023 02:06

Tgt Ion: 136 Resp: 16740
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 8.0 5.4 8.0
68 6.5 4.3 6.5#

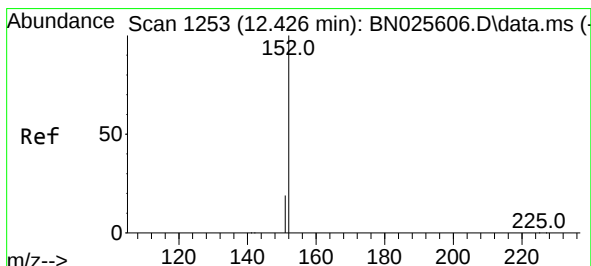
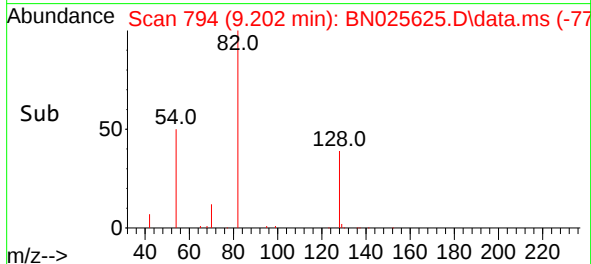
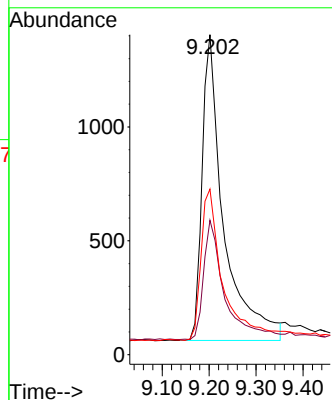
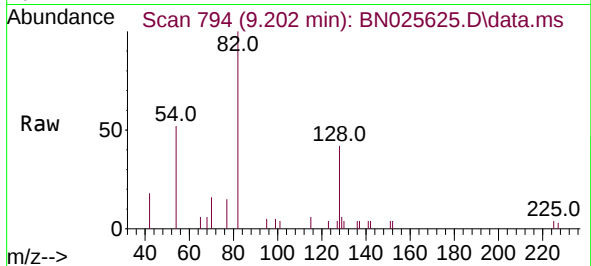




#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025625.D
Acq: 27 May 2023 02:06

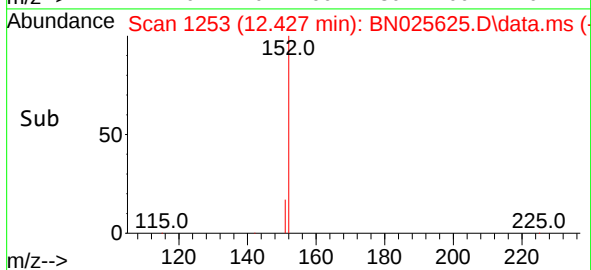
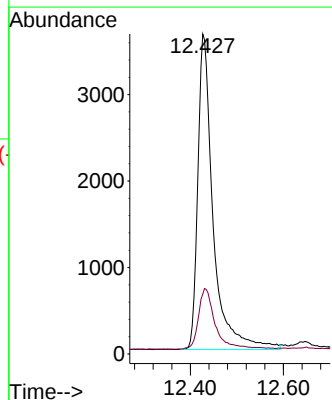
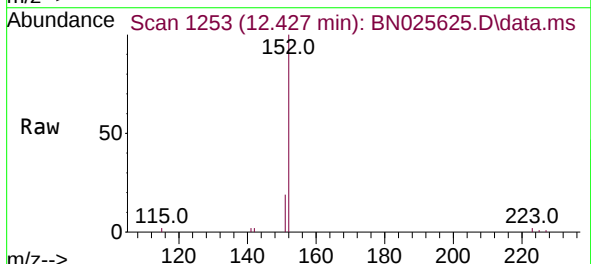
Instrument :
BNA_N
ClientSampleId :
PB153027BL

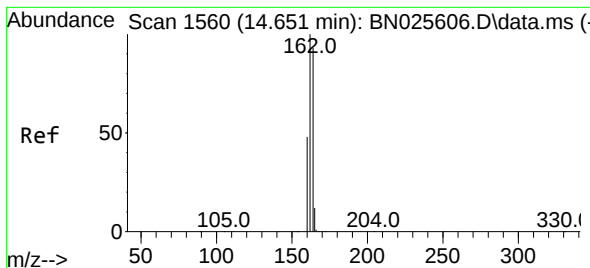
Tgt Ion: 82 Resp: 4275
Ion Ratio Lower Upper
82 100
128 42.0 32.5 48.7
54 51.7 40.6 60.8



#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.427 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BN025625.D
Acq: 27 May 2023 02:06

Tgt Ion: 152 Resp: 8341
Ion Ratio Lower Upper
152 100
151 20.8 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1561

Delta R.T. 0.011 min

Lab File: BN025625.D

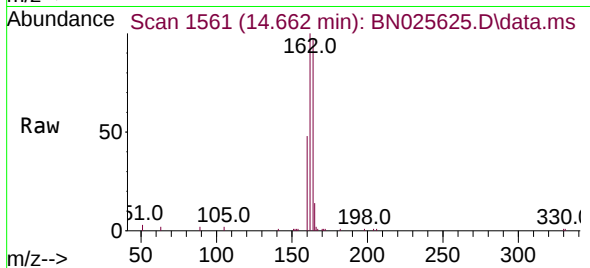
Acq: 27 May 2023 02:06

Instrument :

BNA_N

ClientSampleId :

PB153027BL



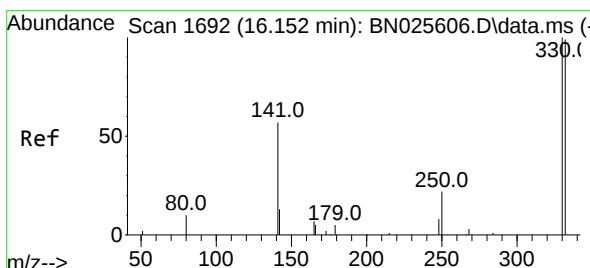
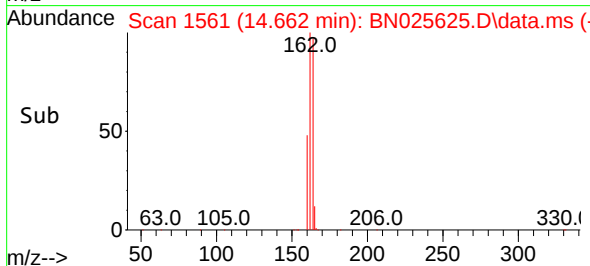
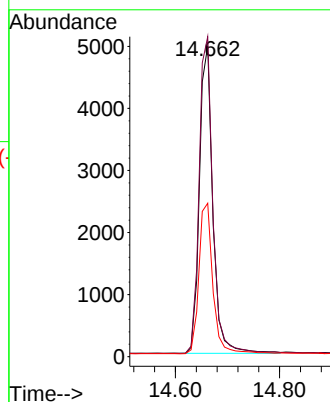
Tgt Ion:164 Resp: 8881

Ion Ratio Lower Upper

164 100

162 102.9 86.4 129.6

160 49.4 41.9 62.9



#14

2,4,6-Tribromophenol

Concen: 0.165 ng

RT: 16.164 min Scan# 1693

Delta R.T. 0.012 min

Lab File: BN025625.D

Acq: 27 May 2023 02:06

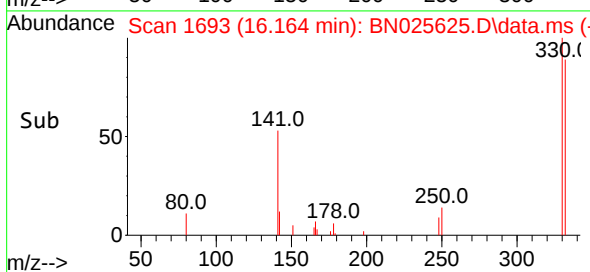
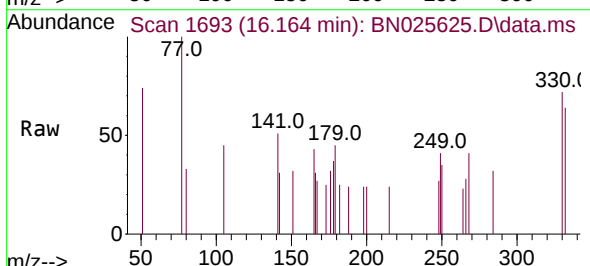
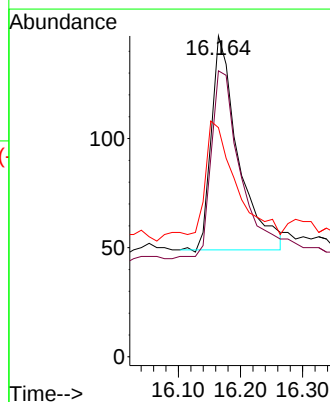
Tgt Ion:330 Resp: 296

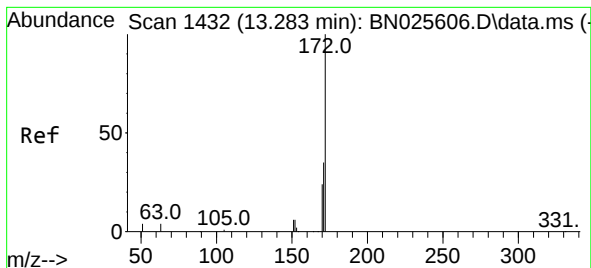
Ion Ratio Lower Upper

330 100

332 97.3 80.0 120.0

141 56.8 45.8 68.6





#15

2-Fluorobiphenyl

Concen: 0.353 ng

RT: 13.294 min Scan# 1432

Delta R.T. 0.011 min

Lab File: BN025625.D

Acq: 27 May 2023 02:06

Instrument :

BNA_N

ClientSampleId :

PB153027BL

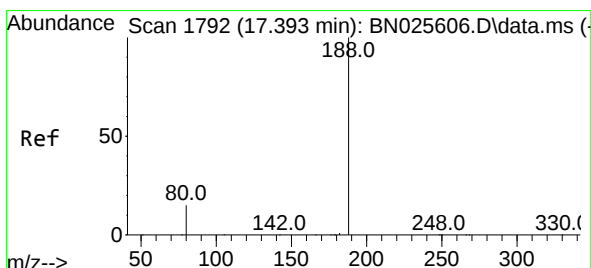
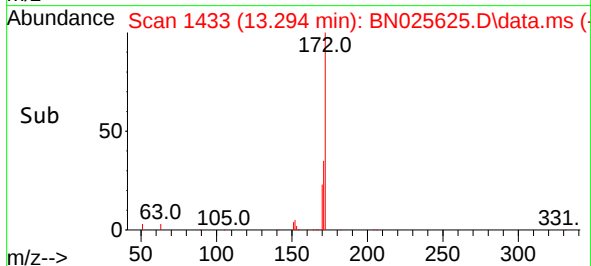
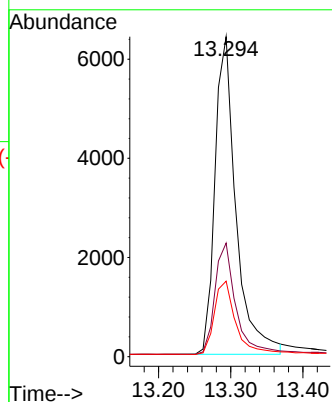
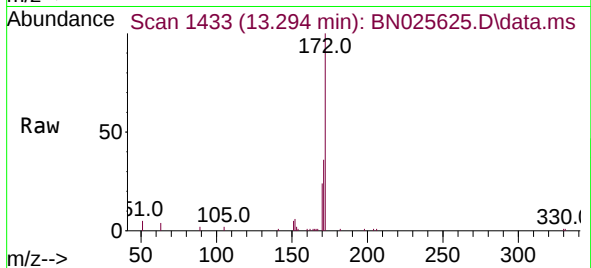
Tgt Ion:172 Resp: 12940

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.6 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.406 min Scan# 1793

Delta R.T. 0.013 min

Lab File: BN025625.D

Acq: 27 May 2023 02:06

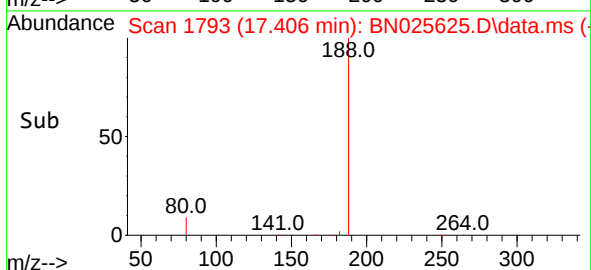
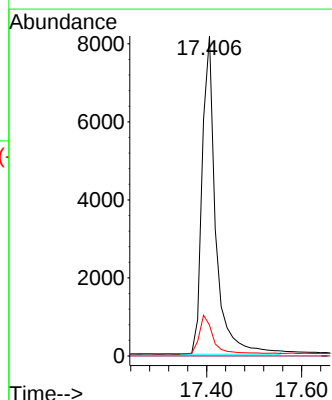
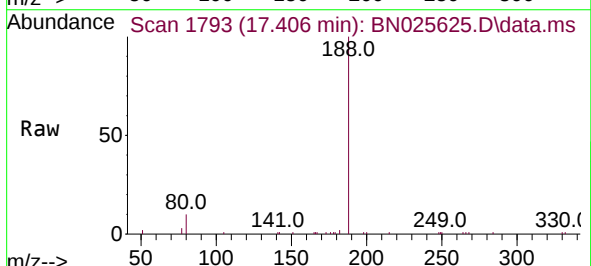
Tgt Ion:188 Resp: 16224

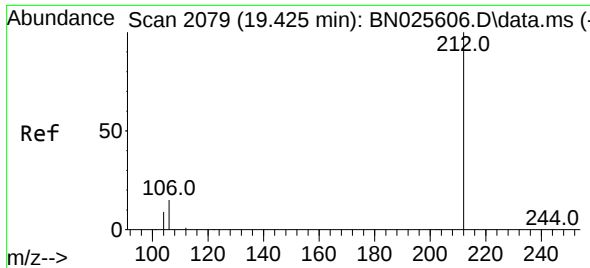
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 12.2 18.2#

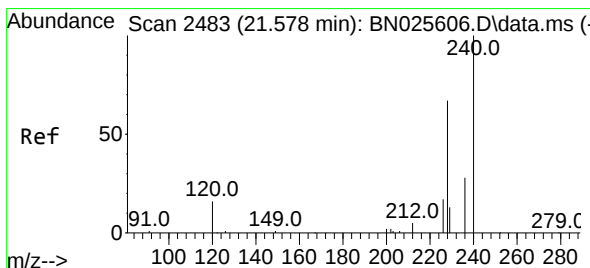
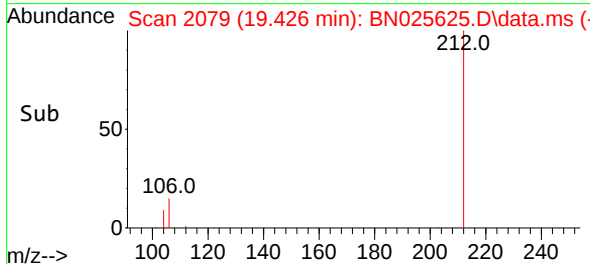
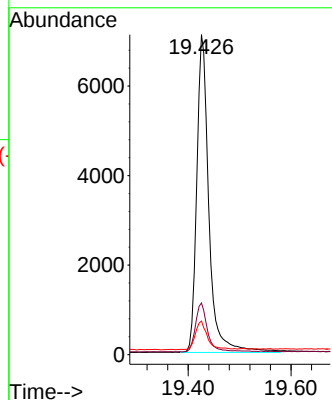
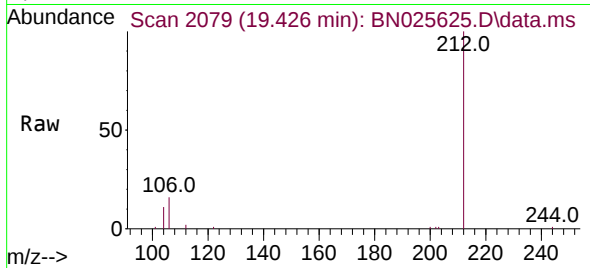




#27
Fluoranthene-d10
Concen: 0.318 ng
RT: 19.426 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BN025625.D
Acq: 27 May 2023 02:06

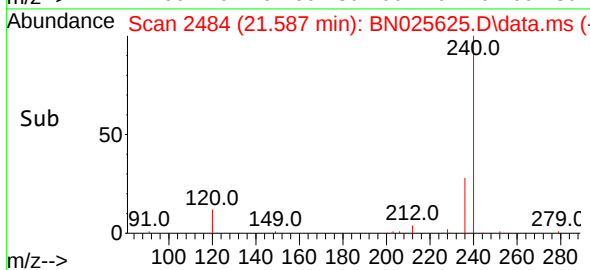
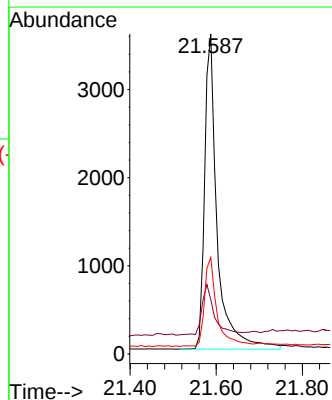
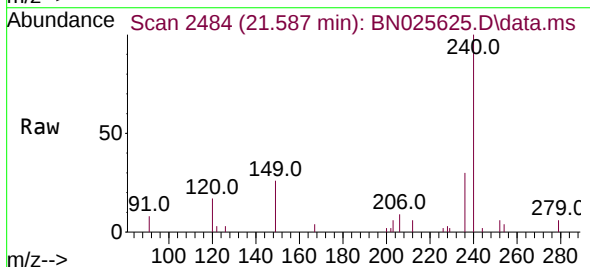
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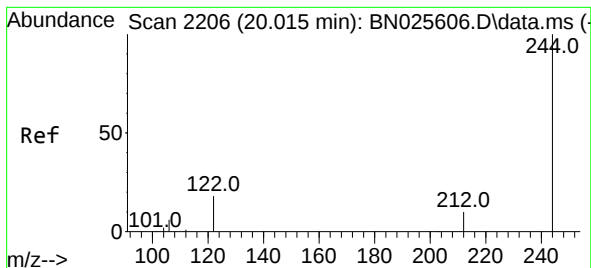
Tgt Ion:212 Resp: 11672
Ion Ratio Lower Upper
212 100
106 15.3 12.3 18.5
104 9.0 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN025625.D
Acq: 27 May 2023 02:06

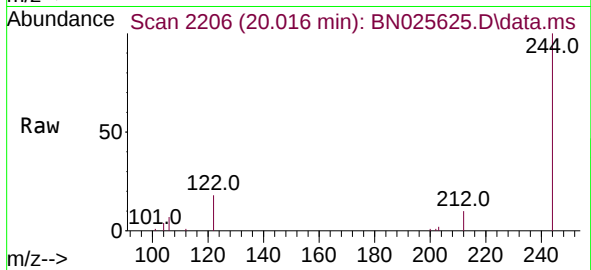
Tgt Ion:240 Resp: 7243
Ion Ratio Lower Upper
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120 17.0 15.4 23.0
236 30.1 23.2 34.8



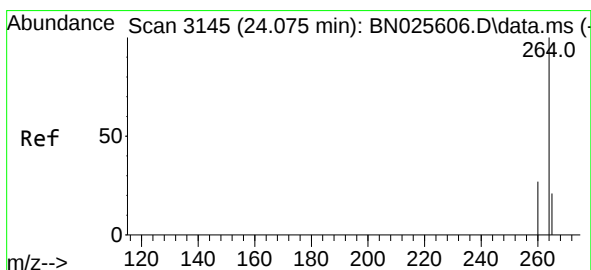
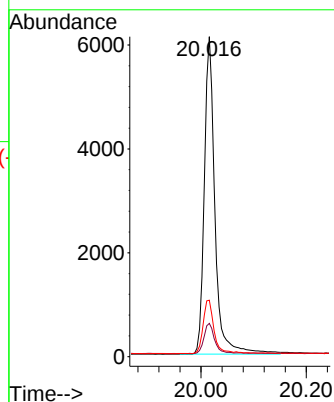


#31
Terphenyl-d14
Concen: 0.541 ng
RT: 20.016 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN025625.D
Acq: 27 May 2023 02:06

Instrument :
BNA_N
ClientSampleId :
PB153027BL



Tgt Ion:244 Resp: 8584
Ion Ratio Lower Upper
244 100
212 10.4 8.5 12.7
122 17.6 14.9 22.3



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.078 min Scan# 3146
Delta R.T. 0.003 min
Lab File: BN025625.D
Acq: 27 May 2023 02:06

Tgt Ion:264 Resp: 3648
Ion Ratio Lower Upper
264 100
260 29.5 22.3 33.5
265 136.0 54.3 81.5#

