

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
 Data File : BN025323.D
 Acq On : 06 May 2023 20:43
 Operator : CG/JU
 Sample : PB152465BL
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB152465BL

Quant Time: May 08 04:48:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 08 04:14:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	7757	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	23060	0.400	ng	# 0.00
13) Acenaphthene-d10	14.555	164	13646	0.400	ng	0.00
19) Phenanthrene-d10	17.311	188	28241	0.400	ng	0.01
29) Chrysene-d12	21.500	240	20830	0.400	ng	# 0.00
35) Perylene-d12	23.939	264	19879	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.470	112	9210	0.488	ng	0.00
5) Phenol-d6	7.088	99	9463	0.399	ng	0.00
8) Nitrobenzene-d5	9.095	82	6472	0.341	ng	0.01
11) 2-Methylnaphthalene-d10	12.313	152	13516	0.429	ng	0.00
14) 2,4,6-Tribromophenol	16.057	330	2479	0.355	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	18840	0.403	ng	0.00
27) Fluoranthene-d10	19.338	212	29459	0.422	ng	0.00
31) Terphenyl-d14	19.932	244	23676	0.564	ng	0.00

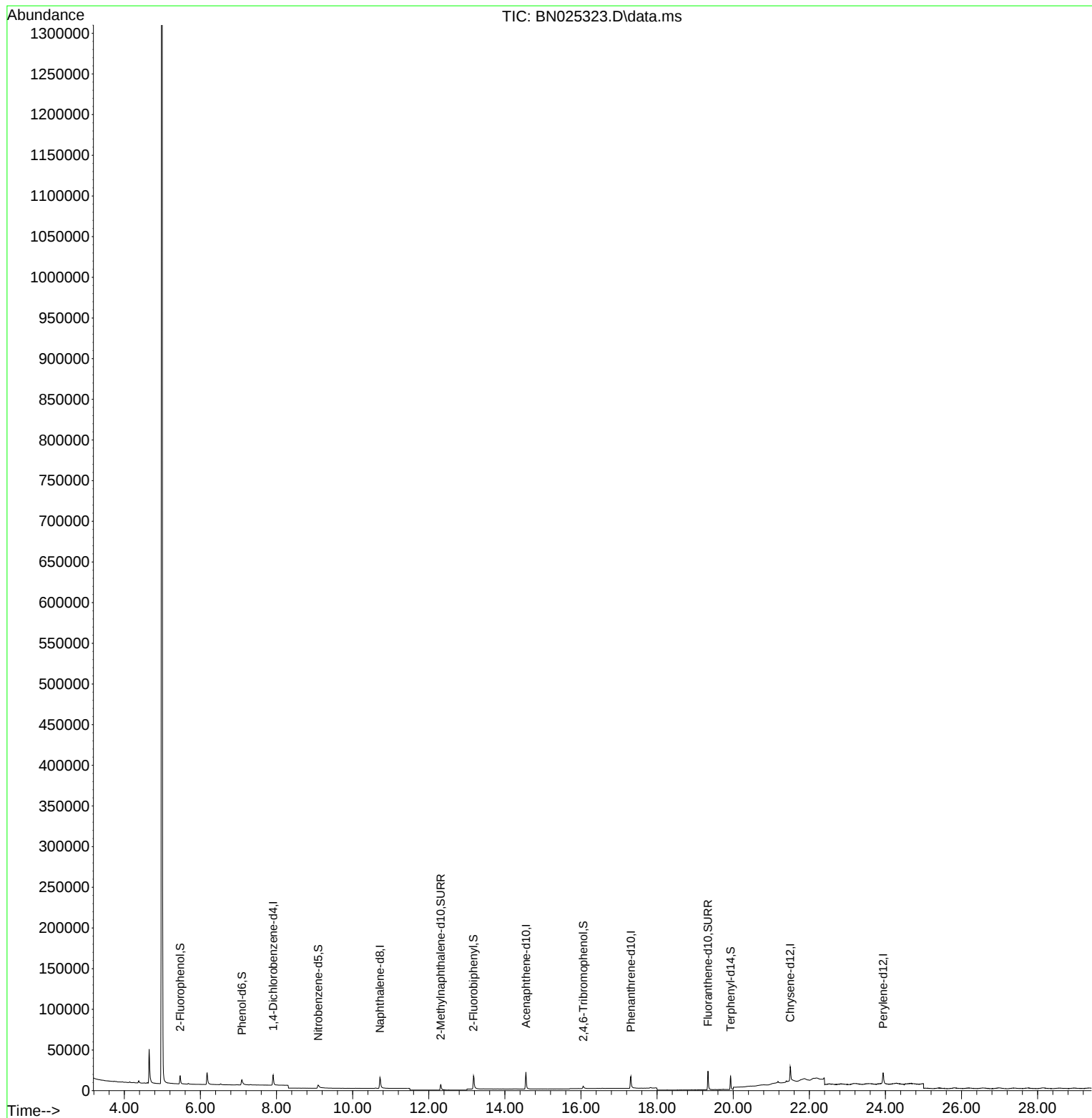
Target Compounds Qvalue

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

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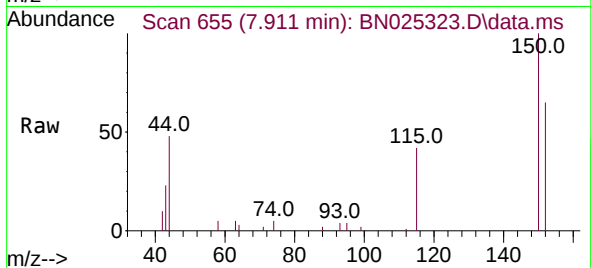
Quant Time: May 08 04:48:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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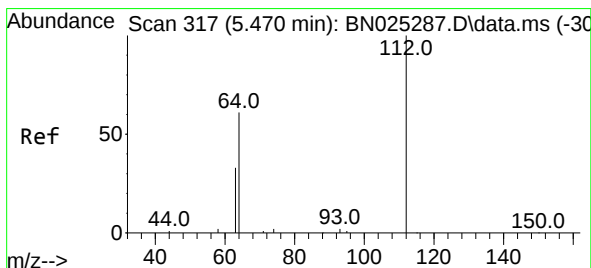
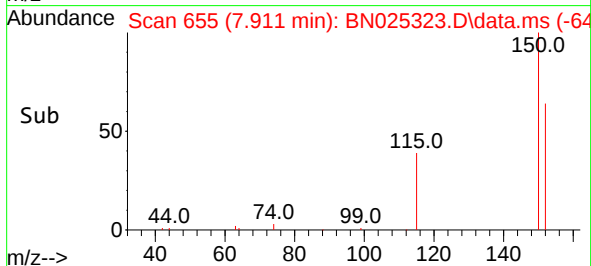
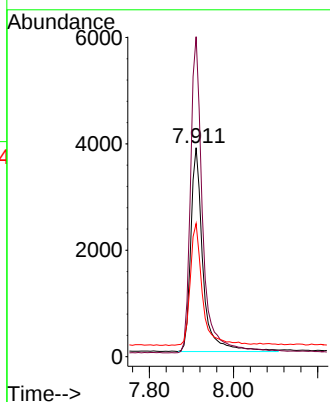


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.911 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025323.D
Acq: 06 May 2023 20:43

Instrument :
BNA_N
ClientSampleId :
PB152465BL

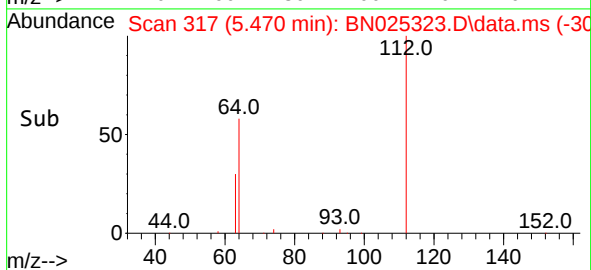
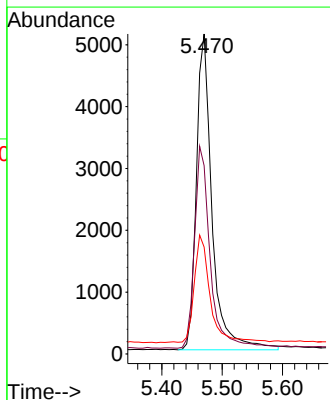
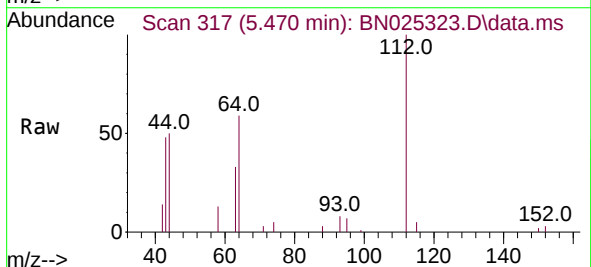


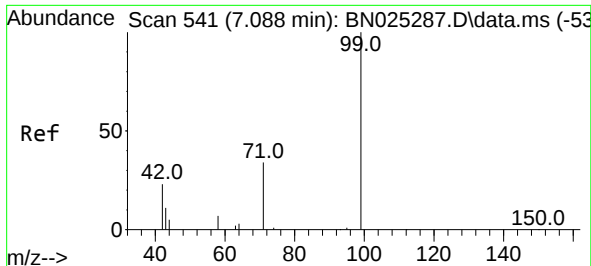
Tgt Ion:152 Resp: 7757
Ion Ratio Lower Upper
152 100
150 153.1 123.8 185.8
115 63.7 52.9 79.3



#4
2-Fluorophenol
Concen: 0.488 ng
RT: 5.470 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN025323.D
Acq: 06 May 2023 20:43

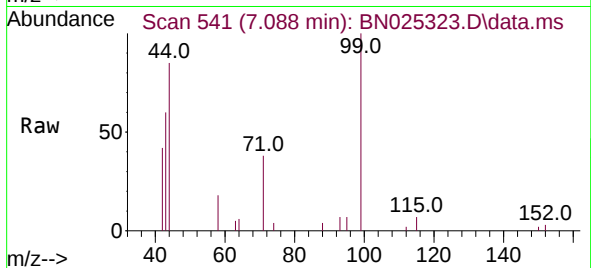
Tgt Ion:112 Resp: 9210
Ion Ratio Lower Upper
112 100
64 64.3 51.5 77.3
63 34.9 27.8 41.6



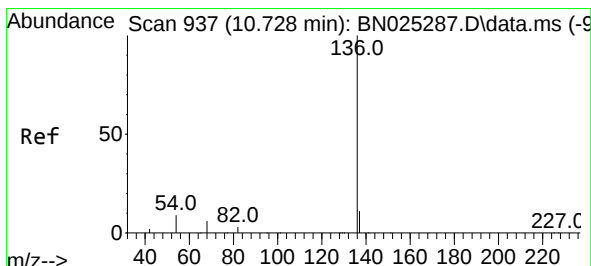
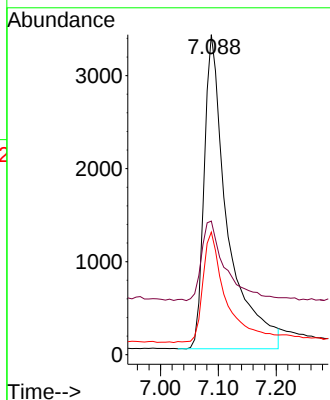
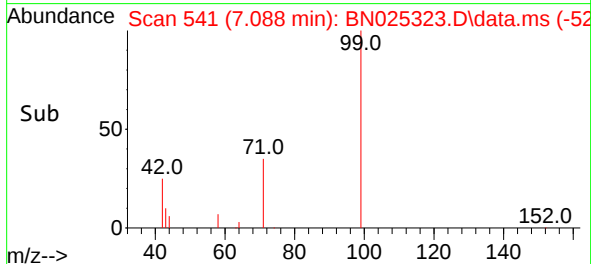


#5
Phenol-d6
Concen: 0.399 ng
RT: 7.088 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN025323.D
Acq: 06 May 2023 20:43

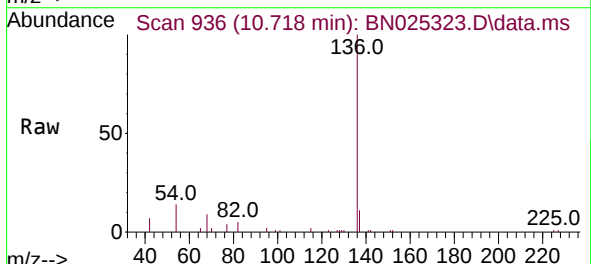
Instrument :
BNA_N
ClientSampleId :
PB152465BL



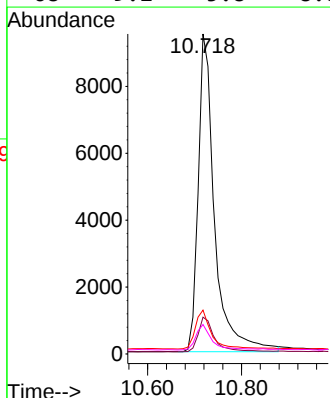
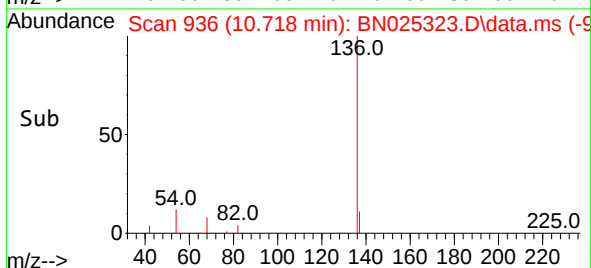
Tgt Ion: 99 Resp: 9463
Ion Ratio Lower Upper
99 100
42 25.8 22.0 33.0
71 35.1 28.7 43.1

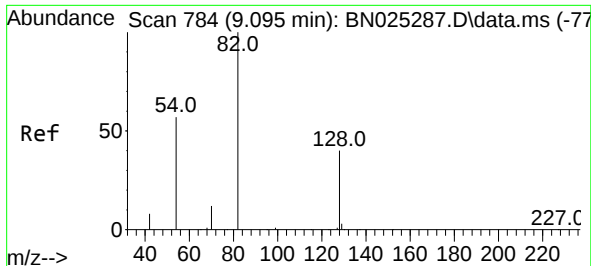


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN025323.D
Acq: 06 May 2023 20:43



Tgt Ion: 136 Resp: 23060
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 13.7 8.5 12.7#
68 9.2 5.8 8.8#

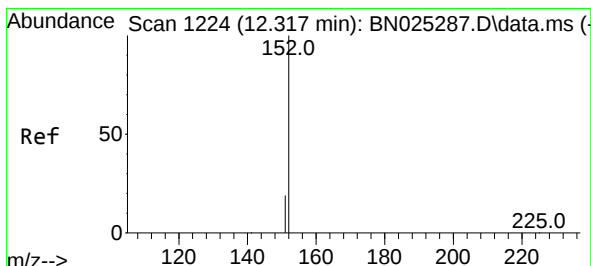
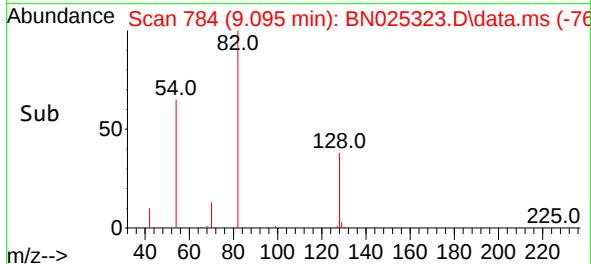
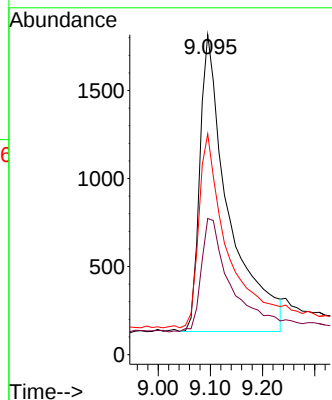
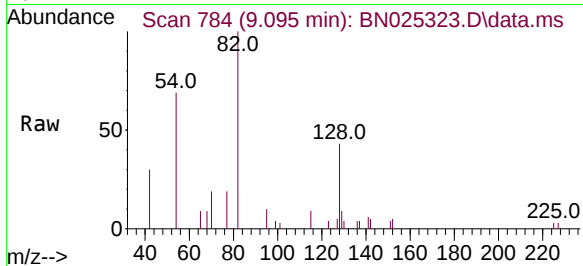




#8
 Nitrobenzene-d5
 Concen: 0.341 ng
 RT: 9.095 min Scan# 784
 Delta R.T. 0.011 min
 Lab File: BN025323.D
 Acq: 06 May 2023 20:43

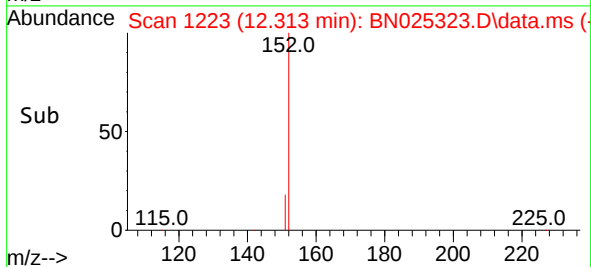
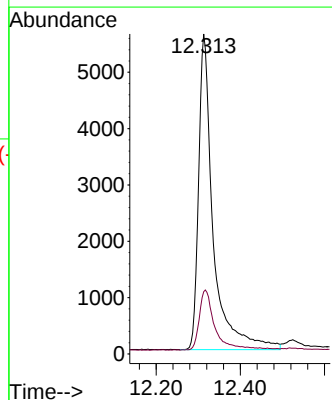
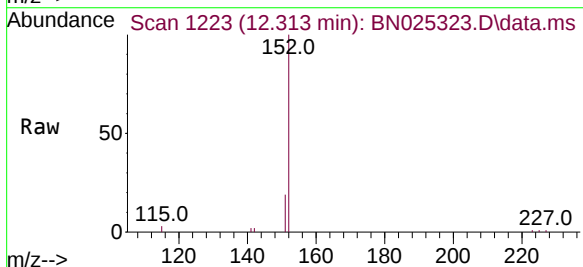
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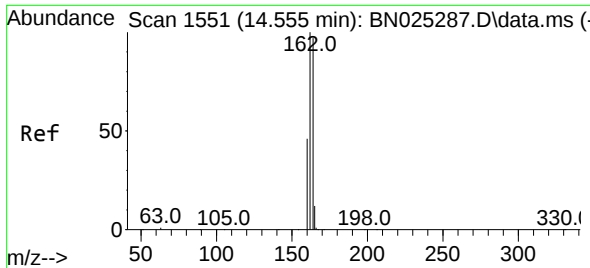
Tgt Ion: 82 Resp: 6472
 Ion Ratio Lower Upper
 82 100
 128 42.5 35.3 52.9
 54 69.0 48.7 73.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.429 ng
 RT: 12.313 min Scan# 1223
 Delta R.T. 0.004 min
 Lab File: BN025323.D
 Acq: 06 May 2023 20:43

Tgt Ion: 152 Resp: 13516
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.4 24.6

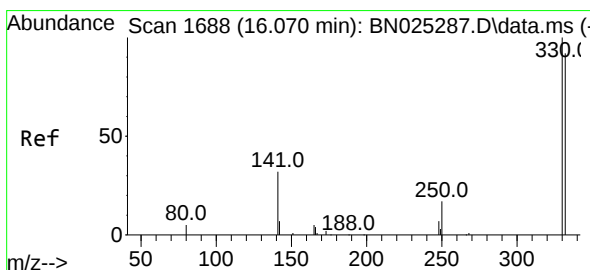
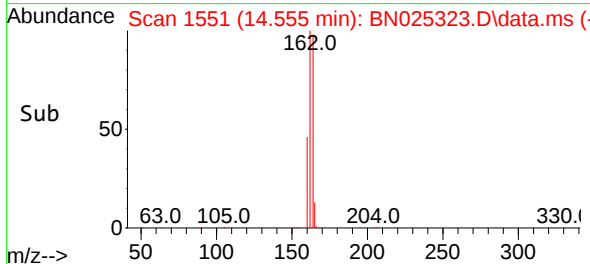
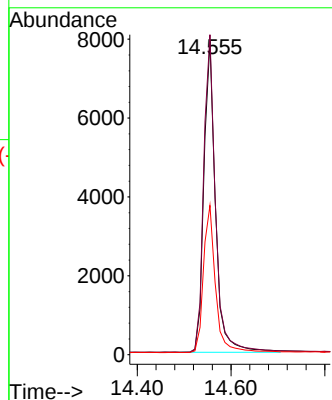
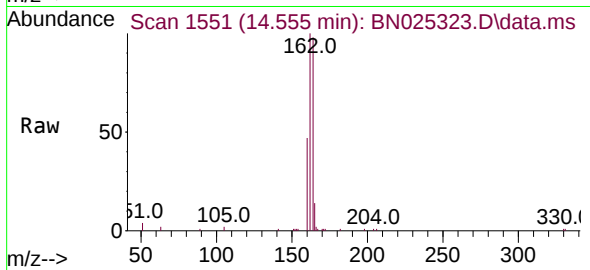




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.555 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN025323.D
 Acq: 06 May 2023 20:43

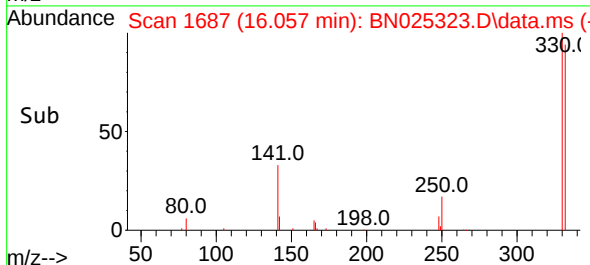
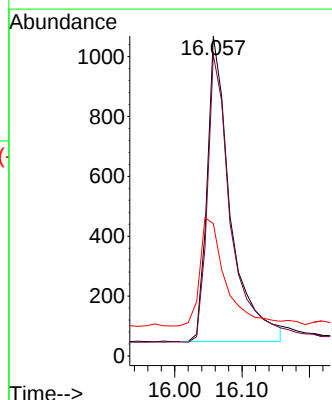
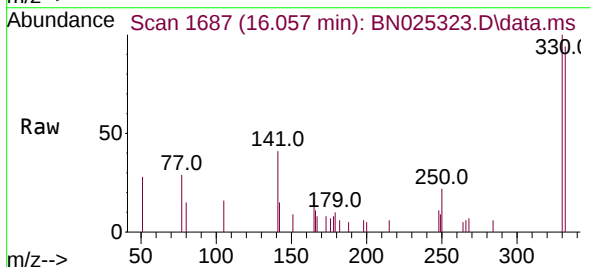
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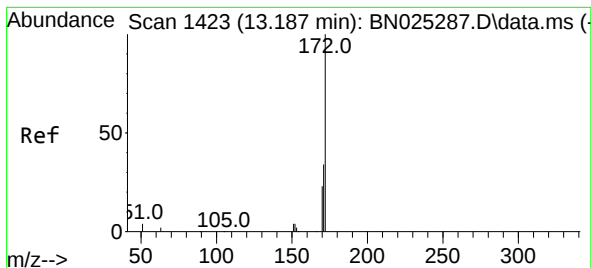
Tgt Ion:164 Resp: 13646
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.1 123.1
 160 47.6 38.3 57.5



#14
 2,4,6-Tribromophenol
 Concen: 0.355 ng
 RT: 16.057 min Scan# 1687
 Delta R.T. 0.000 min
 Lab File: BN025323.D
 Acq: 06 May 2023 20:43

Tgt Ion:330 Resp: 2479
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.0
 141 38.8 28.9 43.3





#15

2-Fluorobiphenyl

Concen: 0.403 ng

RT: 13.176 min Scan# 1423

Delta R.T. 0.000 min

Lab File: BN025323.D

Acq: 06 May 2023 20:43

Instrument :

BNA_N

ClientSampleId :

PB152465BL

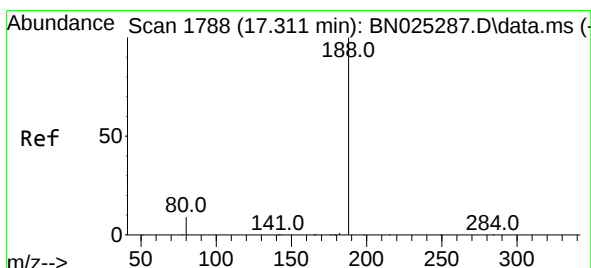
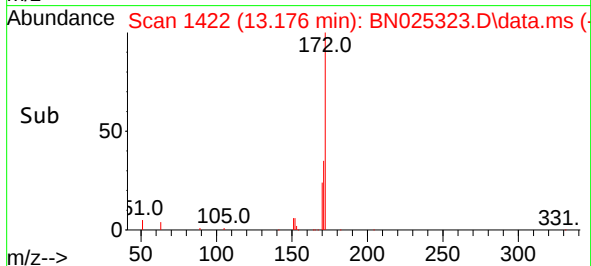
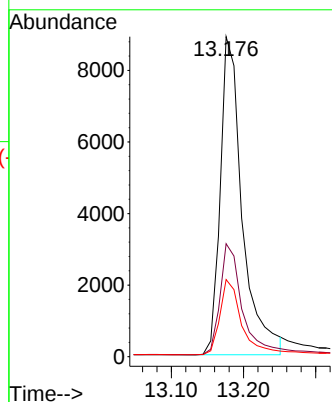
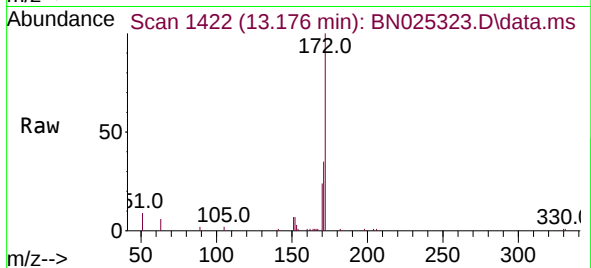
Tgt Ion:172 Resp: 18840

Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

170 24.1 19.0 28.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.311 min Scan# 1788

Delta R.T. 0.013 min

Lab File: BN025323.D

Acq: 06 May 2023 20:43

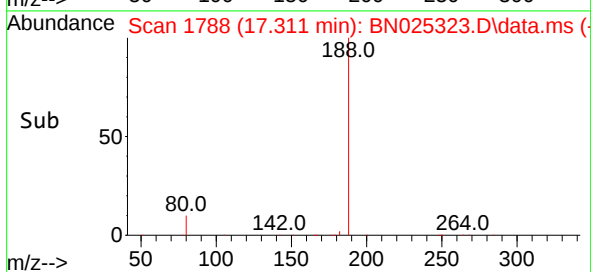
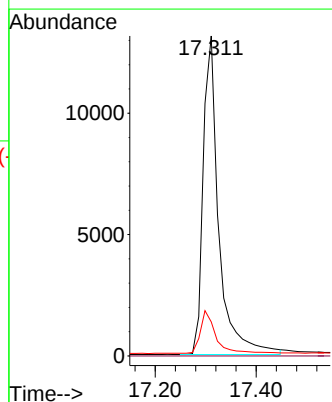
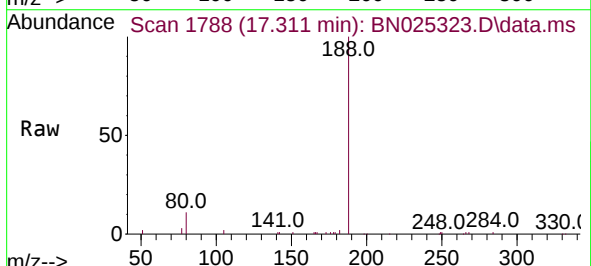
Tgt Ion:188 Resp: 28241

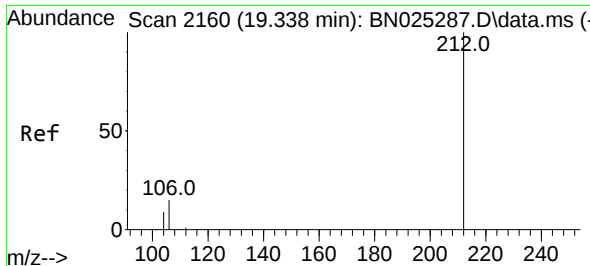
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 8.0 12.0

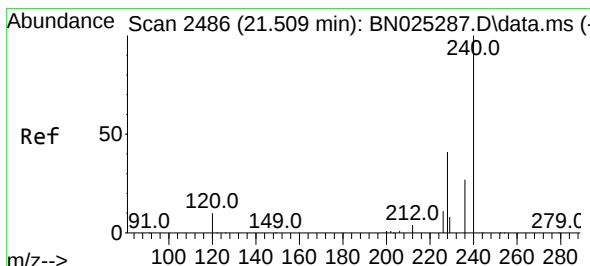
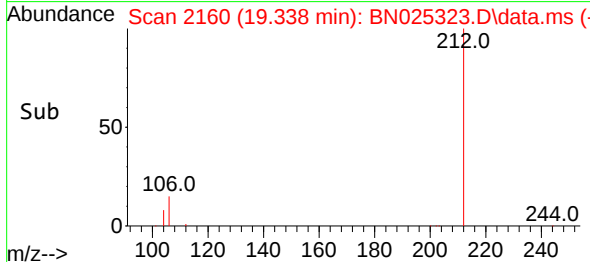
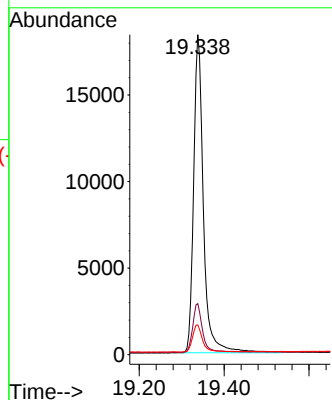
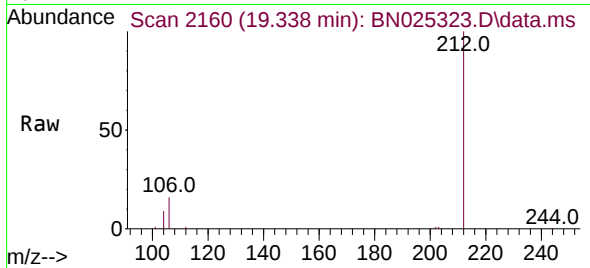




#27
Fluoranthene-d10
Concen: 0.422 ng
RT: 19.338 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BN025323.D
Acq: 06 May 2023 20:43

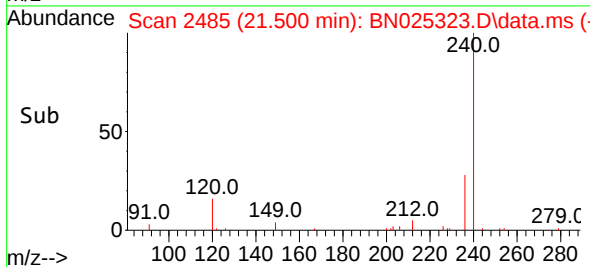
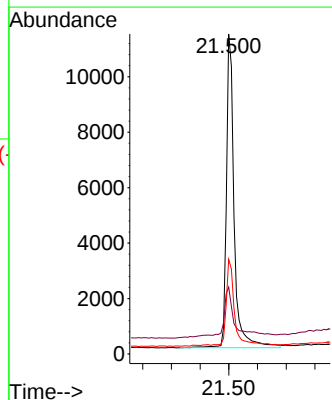
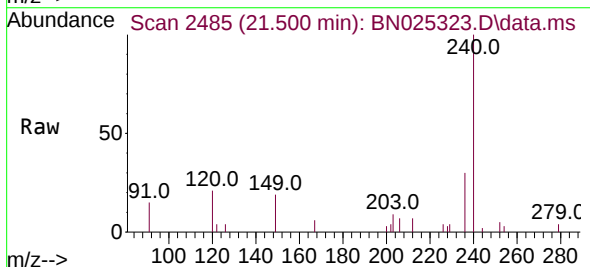
Instrument :
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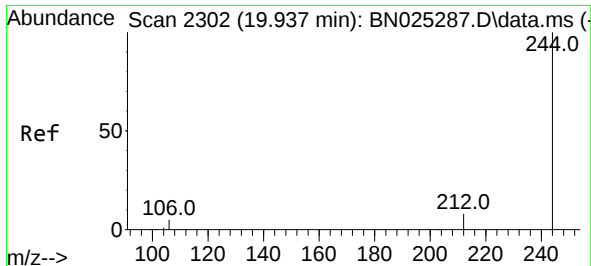
Tgt Ion:212 Resp: 29459
Ion Ratio Lower Upper
212 100
106 15.5 12.6 19.0
104 8.8 7.0 10.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.500 min Scan# 2485
Delta R.T. 0.000 min
Lab File: BN025323.D
Acq: 06 May 2023 20:43

Tgt Ion:240 Resp: 20830
Ion Ratio Lower Upper
240 100
120 20.9 10.3 15.5#
236 29.6 22.3 33.5

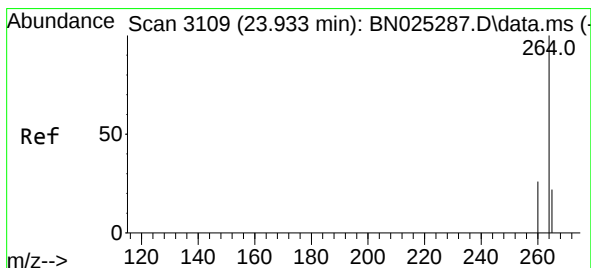
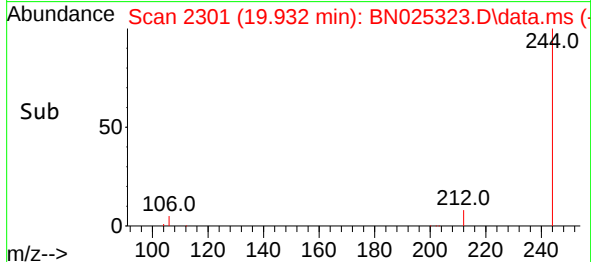
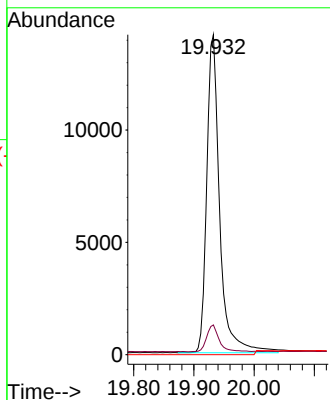
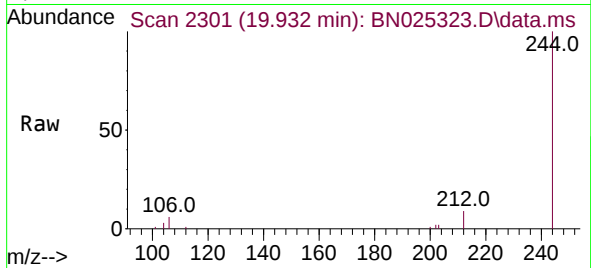




#31
 Terphenyl-d14
 Concen: 0.564 ng
 RT: 19.932 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN025323.D
 Acq: 06 May 2023 20:43

Instrument :
 BNA_N
 ClientSampleId :
 PB152465BL

Tgt Ion:244 Resp: 23676
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.1 10.7
 122 0.0 0.0 0.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.939 min Scan# 3111
 Delta R.T. 0.003 min
 Lab File: BN025323.D
 Acq: 06 May 2023 20:43

Tgt Ion:264 Resp: 19879
 Ion Ratio Lower Upper
 264 100
 260 28.1 21.5 32.3
 265 61.3 46.2 69.4

