

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050823\
 Data File : BN025330.D
 Acq On : 08 May 2023 13:24
 Operator : CG/JU
 Sample : PB152603BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB152603BL

Quant Time: May 09 04:01:54 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 18:27:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	3677	0.400	ng	0.00
7) Naphthalene-d8	10.728	136	10158	0.400	ng	# 0.01
13) Acenaphthene-d10	14.555	164	6467	0.400	ng	0.01
19) Phenanthrene-d10	17.311	188	16078	0.400	ng	# 0.01
29) Chrysene-d12	21.513	240	17078	0.400	ng	# 0.01
35) Perylene-d12	23.943	264	21108	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	4373	0.489	ng	0.00
5) Phenol-d6	7.095	99	3957	0.352	ng	0.02
8) Nitrobenzene-d5	9.116	82	2545	0.305	ng	0.03
11) 2-Methylnaphthalene-d10	12.328	152	5882	0.424	ng	0.02
14) 2,4,6-Tribromophenol	16.069	330	1399	0.423	ng	0.01
15) 2-Fluorobiphenyl	13.197	172	8262	0.373	ng	0.02
27) Fluoranthene-d10	19.342	212	19040	0.479	ng	0.00
31) Terphenyl-d14	19.932	244	16483	0.479	ng	0.00

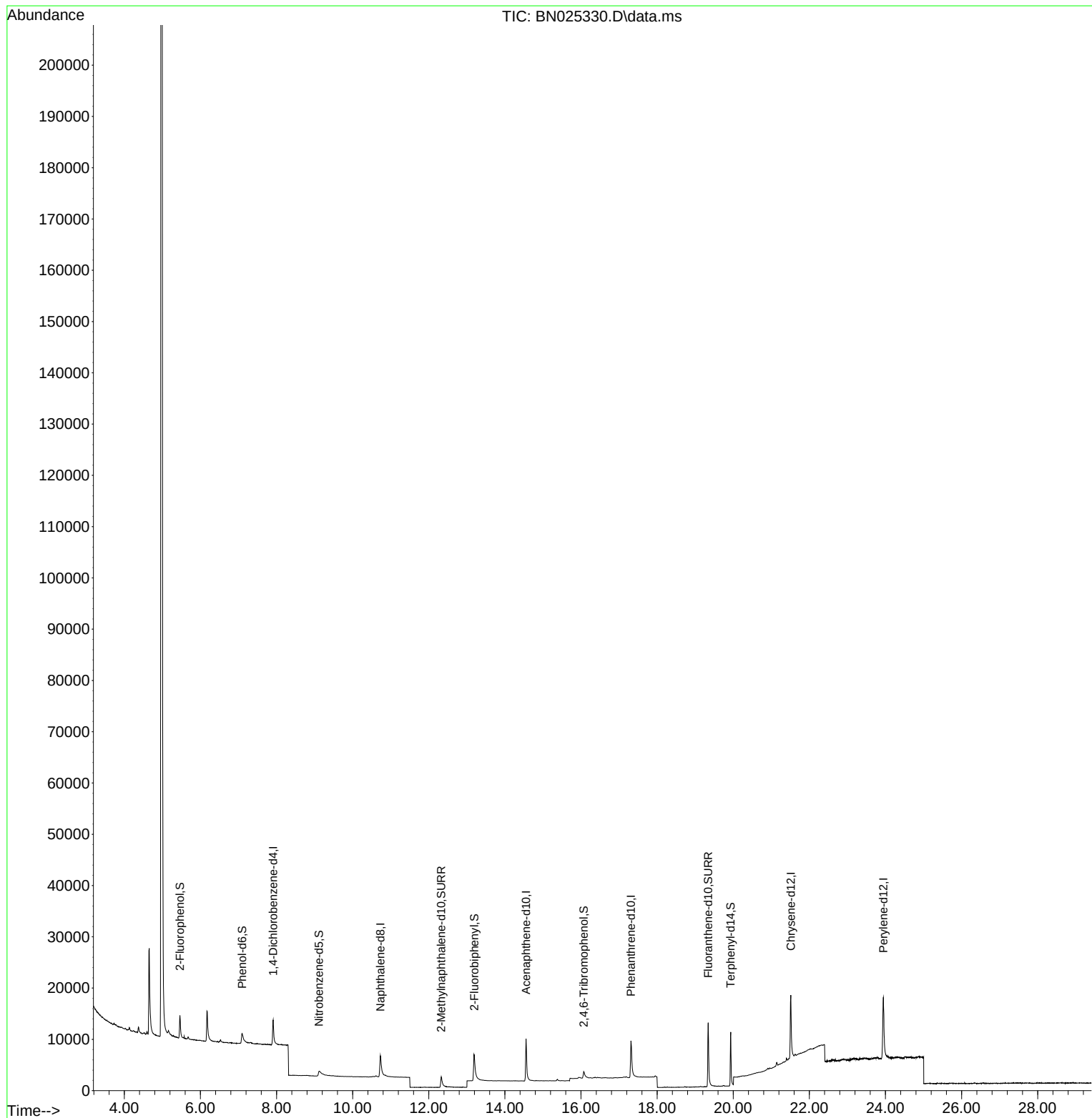
Target Compounds Qvalue

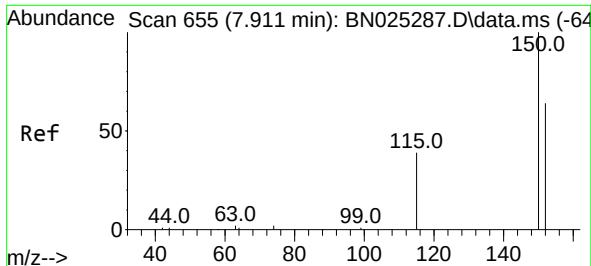
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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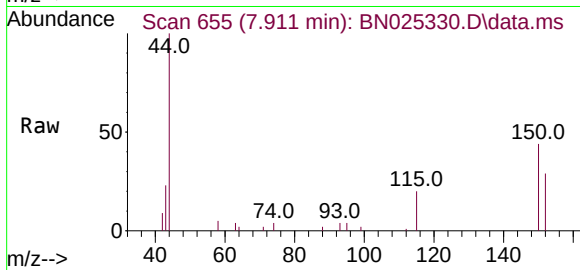
Quant Time: May 09 04:01:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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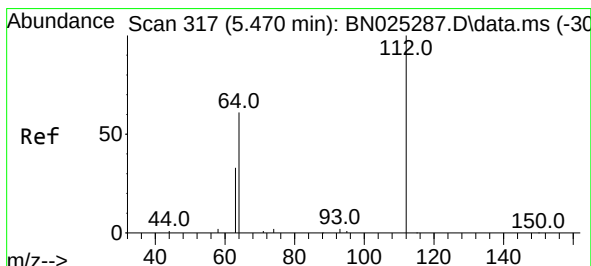
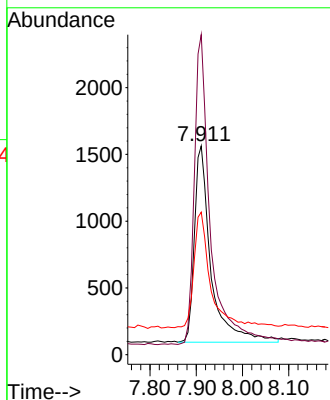
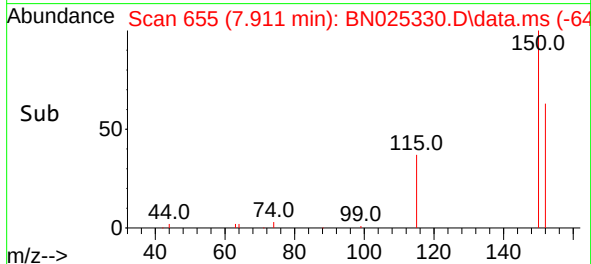


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.911 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN025330.D
Acq: 08 May 2023 13:24

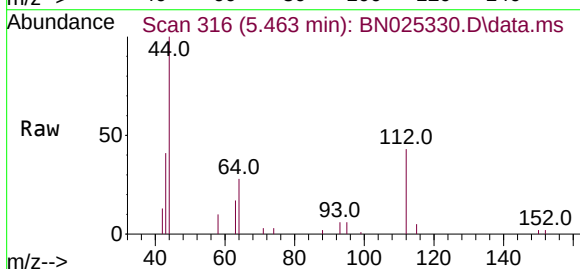
Instrument :
BNA_N
ClientSampleId :
PB152603BL



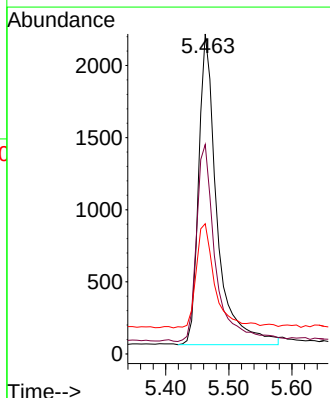
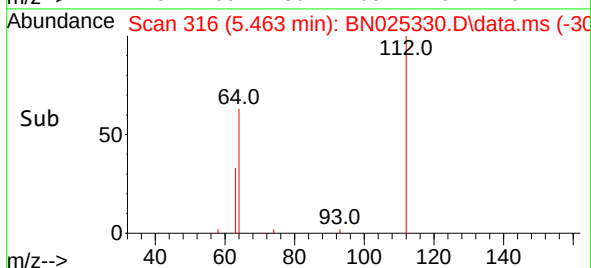
Tgt Ion:152 Resp: 3677
Ion Ratio Lower Upper
152 100
150 153.3 123.8 185.8
115 68.3 52.9 79.3

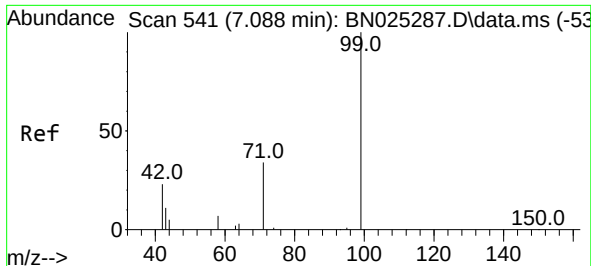


#4
2-Fluorophenol
Concen: 0.489 ng
RT: 5.463 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN025330.D
Acq: 08 May 2023 13:24



Tgt Ion:112 Resp: 4373
Ion Ratio Lower Upper
112 100
64 65.7 51.5 77.3
63 33.7 27.8 41.6

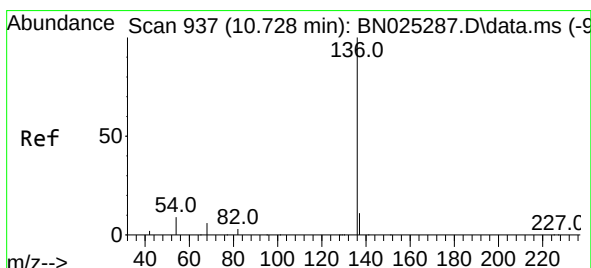
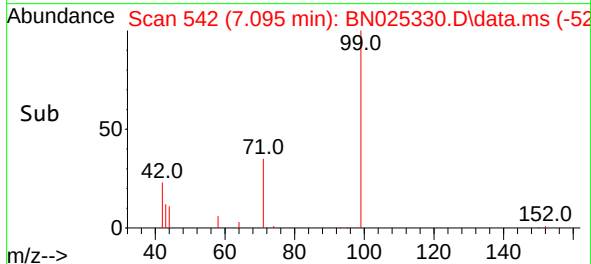
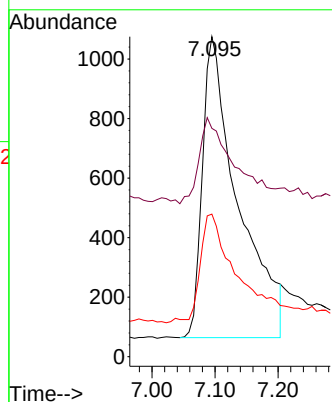
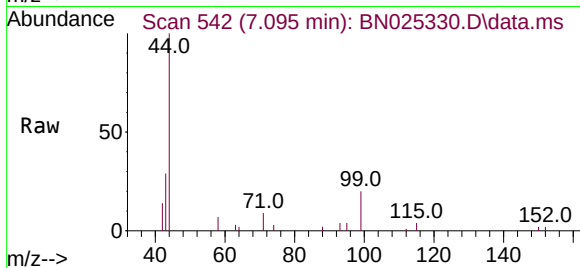




#5
Phenol-d6
Concen: 0.352 ng
RT: 7.095 min Scan# 541
Delta R.T. 0.021 min
Lab File: BN025330.D
Acq: 08 May 2023 13:24

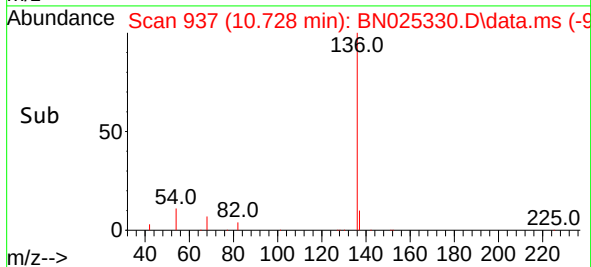
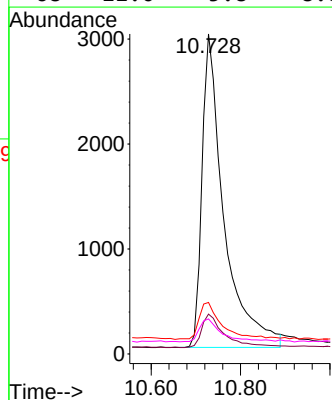
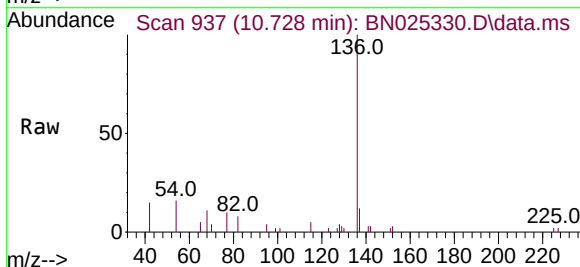
Instrument :
BNA_N
ClientSampleId :
PB152603BL

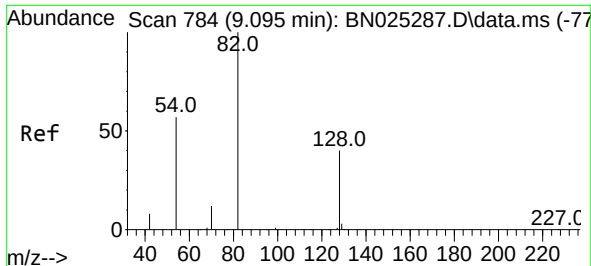
Tgt Ion:	99	Resp:	3957
Ion	Ratio	Lower	Upper
99	100		
42	28.6	22.0	33.0
71	37.4	28.7	43.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.728 min Scan# 937
Delta R.T. 0.010 min
Lab File: BN025330.D
Acq: 08 May 2023 13:24

Tgt Ion:	136	Resp:	10158
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.4	14.2
54	16.1	8.5	12.7#
68	11.0	5.8	8.8#

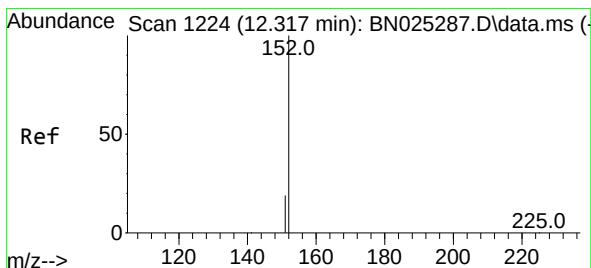
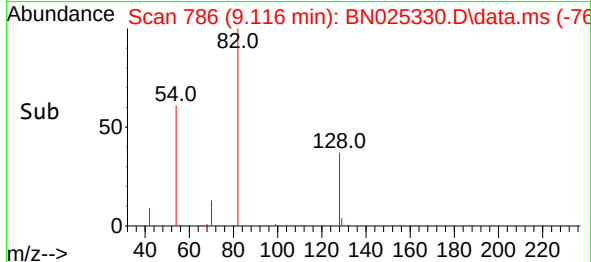
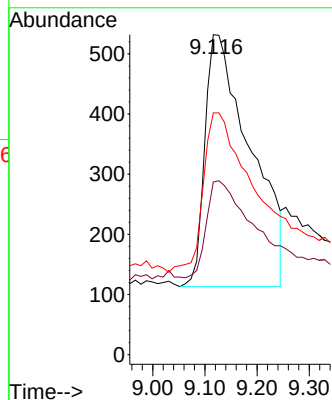
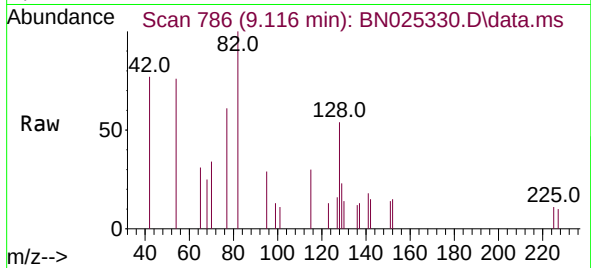




#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 9.116 min Scan# 71
Delta R.T. 0.032 min
Lab File: BN025330.D
Acq: 08 May 2023 13:24

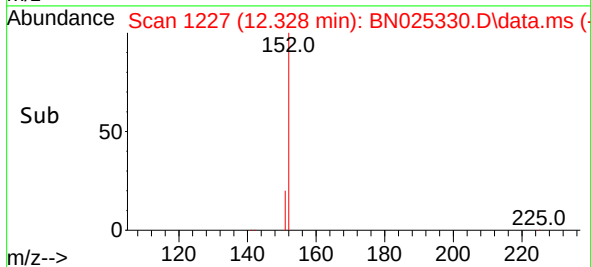
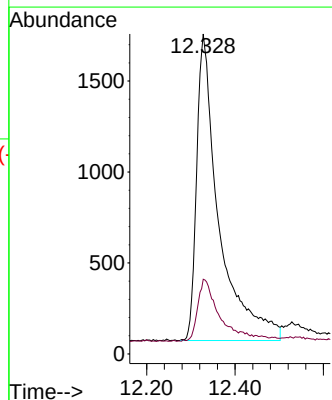
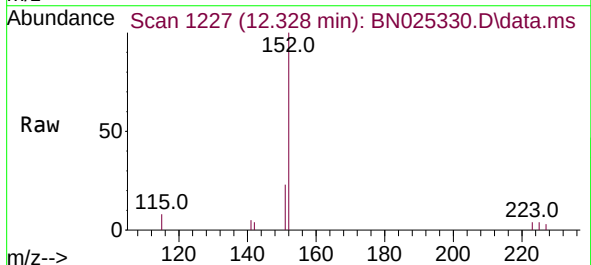
Instrument :
BNA_N
ClientSampleId :
PB152603BL

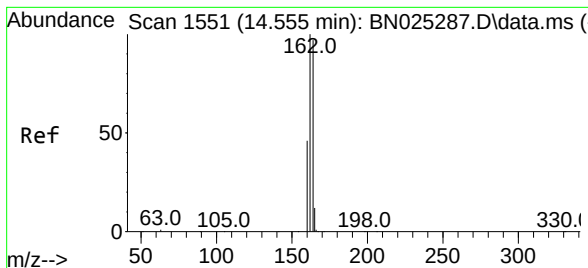
Tgt Ion: 82 Resp: 2545
Ion Ratio Lower Upper
82 100
128 53.9 35.3 52.9#
54 75.6 48.7 73.1#



#11
2-Methylnaphthalene-d10
Concen: 0.424 ng
RT: 12.328 min Scan# 1227
Delta R.T. 0.022 min
Lab File: BN025330.D
Acq: 08 May 2023 13:24

Tgt Ion:152 Resp: 5882
Ion Ratio Lower Upper
152 100
151 17.9 16.4 24.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.555 min Scan# 1551

Delta R.T. 0.010 min

Lab File: BN025330.D

Acq: 08 May 2023 13:24

Instrument :

BNA_N

ClientSampleId :

PB152603BL

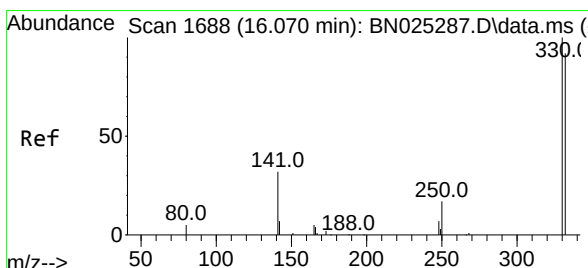
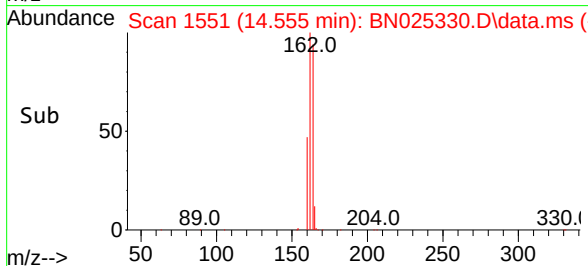
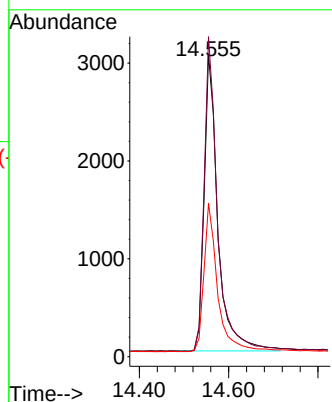
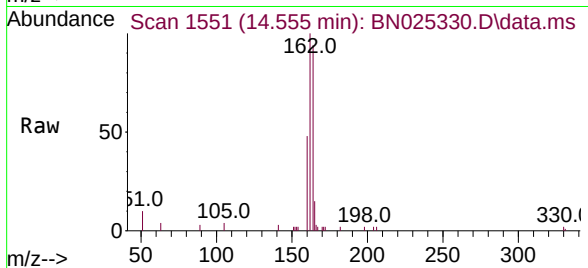
Tgt Ion:164 Resp: 6467

Ion Ratio Lower Upper

164 100

162 106.1 82.1 123.1

160 50.8 38.3 57.5



#14

2,4,6-Tribromophenol

Concen: 0.423 ng

RT: 16.069 min Scan# 1688

Delta R.T. 0.012 min

Lab File: BN025330.D

Acq: 08 May 2023 13:24

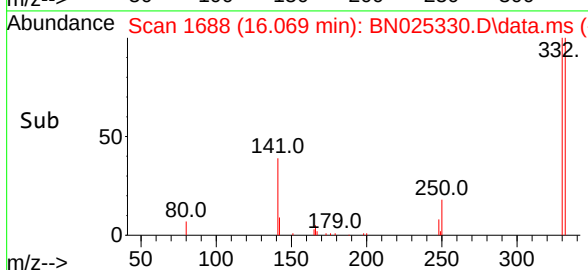
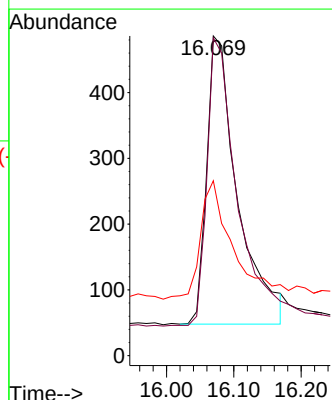
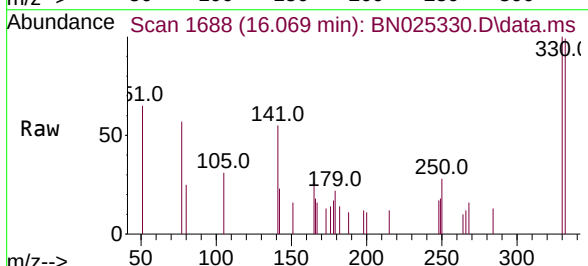
Tgt Ion:330 Resp: 1399

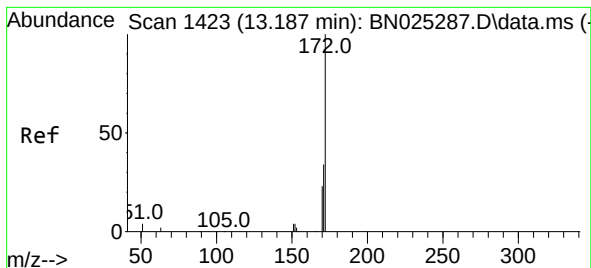
Ion Ratio Lower Upper

330 100

332 98.3 77.4 116.0

141 41.7 28.9 43.3





#15

2-Fluorobiphenyl

Concen: 0.373 ng

RT: 13.197 min Scan# 1423

Delta R.T. 0.021 min

Lab File: BN025330.D

Acq: 08 May 2023 13:24

Instrument :

BNA_N

ClientSampleId :

PB152603BL

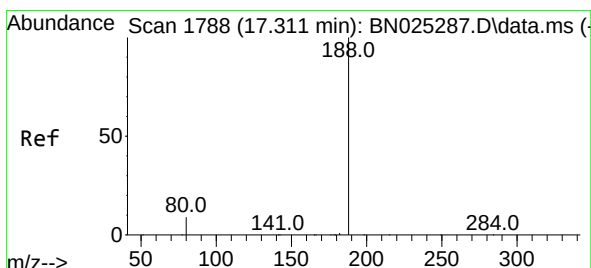
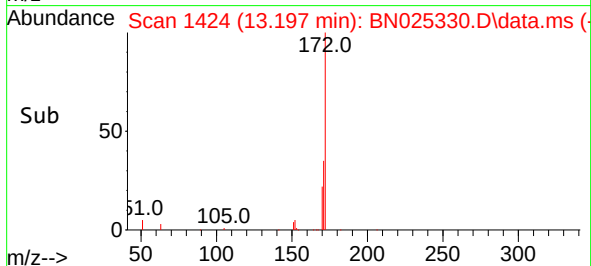
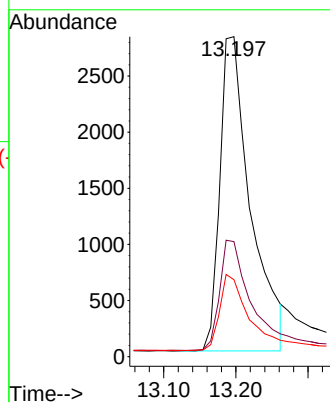
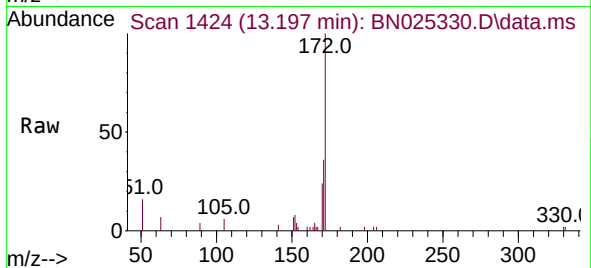
Tgt Ion:172 Resp: 8262

Ion Ratio Lower Upper

172 100

171 35.9 27.9 41.9

170 24.0 19.0 28.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.311 min Scan# 1788

Delta R.T. 0.012 min

Lab File: BN025330.D

Acq: 08 May 2023 13:24

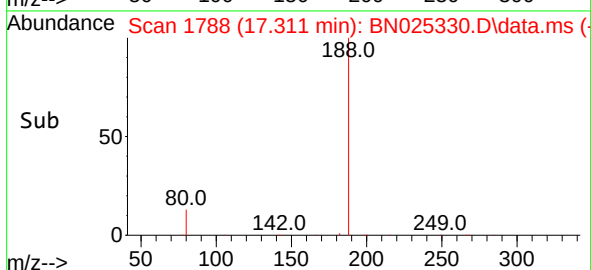
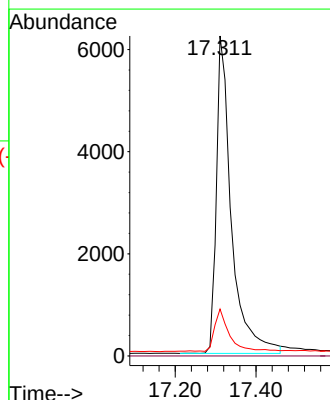
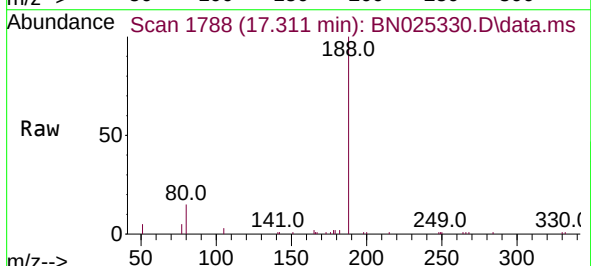
Tgt Ion:188 Resp: 16078

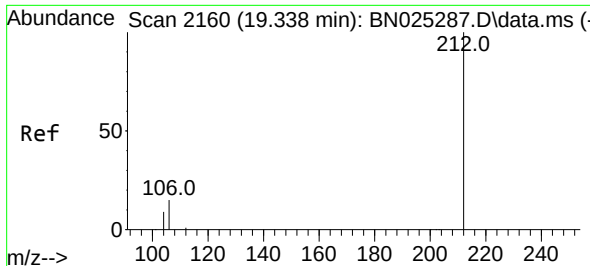
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.6 8.0 12.0#

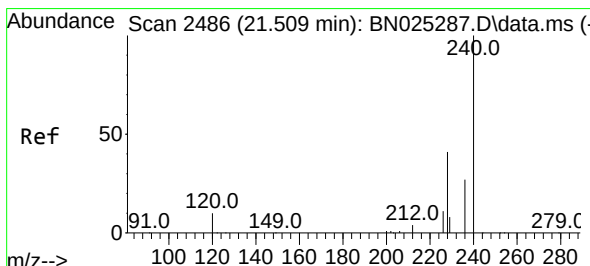
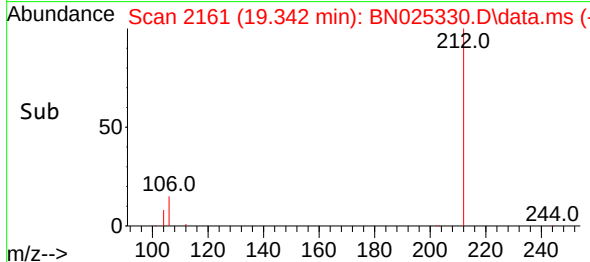
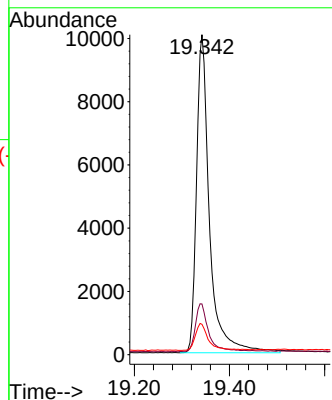
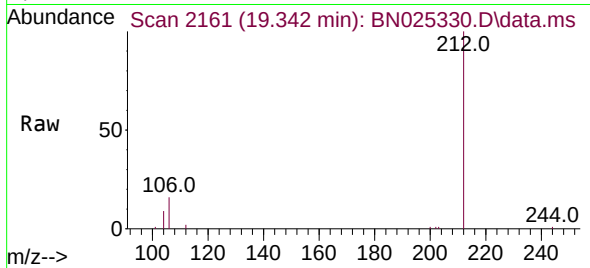




#27
Fluoranthene-d10
Concen: 0.479 ng
RT: 19.342 min Scan# 2161
Delta R.T. 0.008 min
Lab File: BN025330.D
Acq: 08 May 2023 13:24

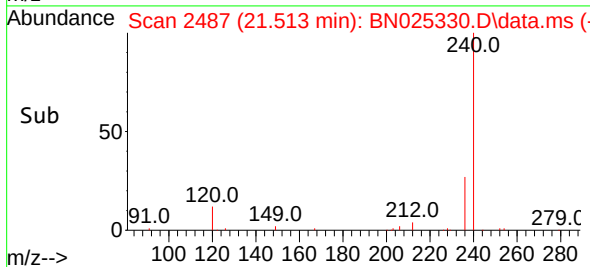
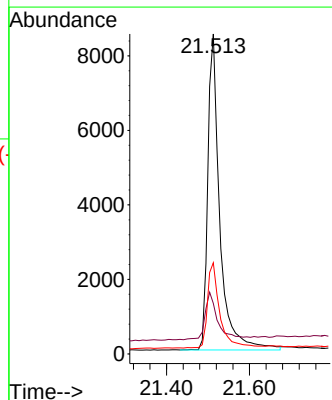
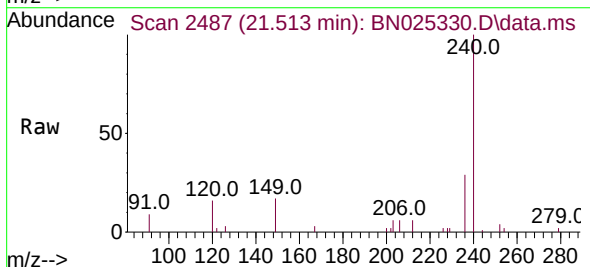
Instrument :
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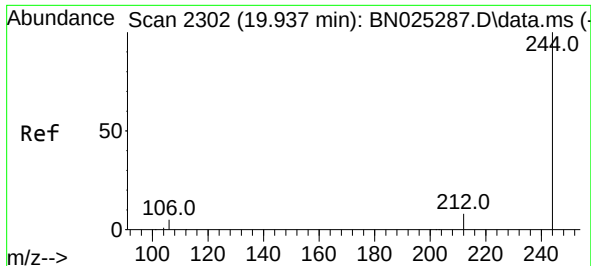
Tgt Ion:212 Resp: 19040
Ion Ratio Lower Upper
212 100
106 15.2 12.6 19.0
104 8.5 7.0 10.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.513 min Scan# 2487
Delta R.T. 0.013 min
Lab File: BN025330.D
Acq: 08 May 2023 13:24

Tgt Ion:240 Resp: 17078
Ion Ratio Lower Upper
240 100
120 15.8 10.3 15.5#
236 28.5 22.3 33.5

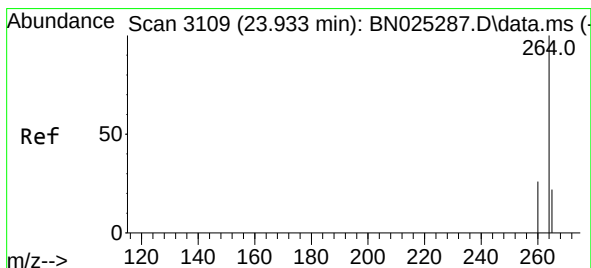
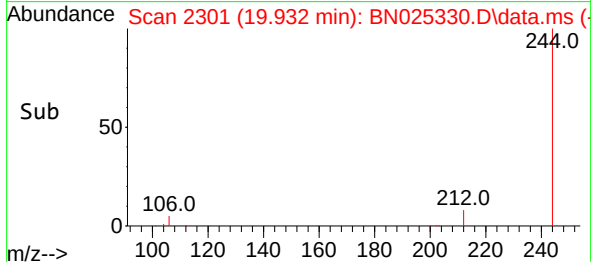
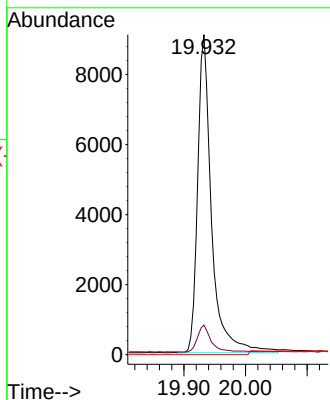
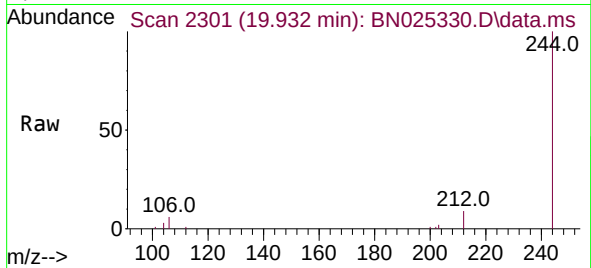




#31
 Terphenyl-d14
 Concen: 0.479 ng
 RT: 19.932 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN025330.D
 Acq: 08 May 2023 13:24

Instrument :
 BNA_N
 ClientSampleId :
 PB152603BL

Tgt Ion:244 Resp: 16483
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.1 10.7
 122 0.0 0.0 0.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.943 min Scan# 3112
 Delta R.T. 0.013 min
 Lab File: BN025330.D
 Acq: 08 May 2023 13:24

Tgt Ion:264 Resp: 21108
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.5 32.3
 265 62.0 46.2 69.4

