

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031323\
 Data File : BN024251.D
 Acq On : 13 Mar 2023 18:44
 Operator : CG/JU
 Sample : PB151332BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB151332BL

Quant Time: Mar 14 03:32:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 03:11:52 2023
 Response via : Initial Calibration

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

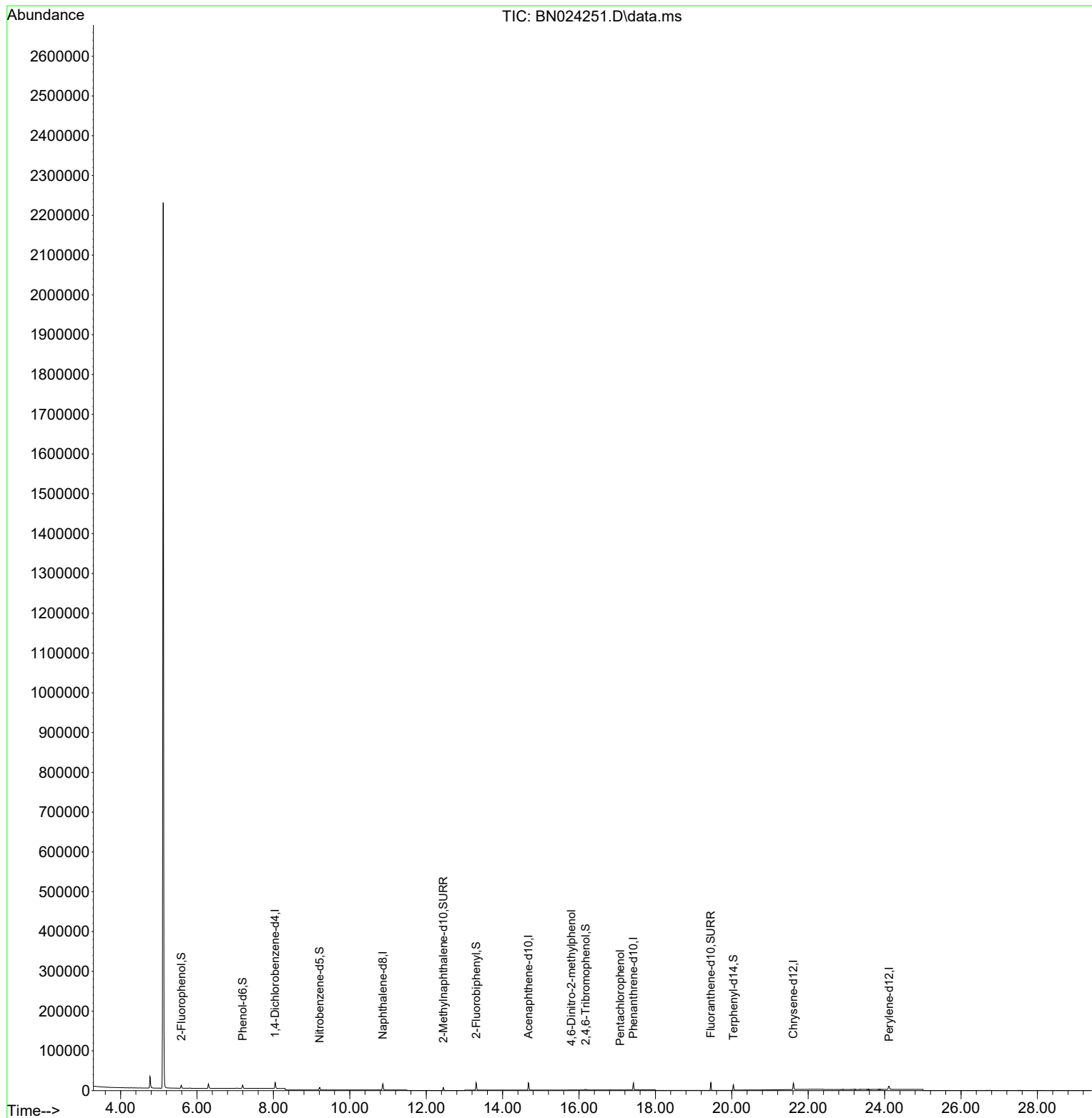
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	7241	0.400	ng	0.00
7) Naphthalene-d8	10.866	136	20189	0.400	ng	0.00
13) Acenaphthene-d10	14.675	164	10163	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	22404	0.400	ng	0.00
29) Chrysene-d12	21.610	240	16401	0.400	ng	# 0.00
35) Perylene-d12	24.114	264	13708	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	6152	0.384	ng	0.00
5) Phenol-d6	7.195	99	7621	0.370	ng	0.00
8) Nitrobenzene-d5	9.211	82	5078	0.376	ng	0.00
11) 2-Methylnaphthalene-d10	12.444	152	10118	0.408	ng	0.00
14) 2,4,6-Tribromophenol	16.172	330	1192	0.229	ng	0.01
15) 2-Fluorobiphenyl	13.307	172	15170	0.395	ng	0.00
27) Fluoranthene-d10	19.450	212	20172	0.425	ng	0.00
31) Terphenyl-d14	20.043	244	12040	0.435	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.799	198	1	0.178	ng	# 1
24) Pentachlorophenol	17.078	266	28	0.131	ng	91

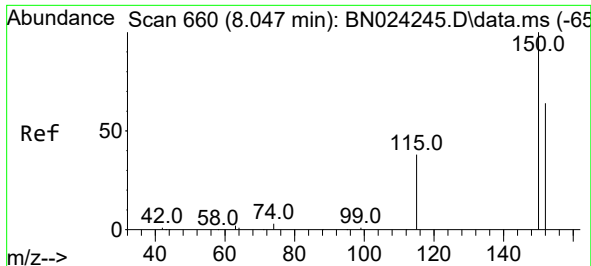
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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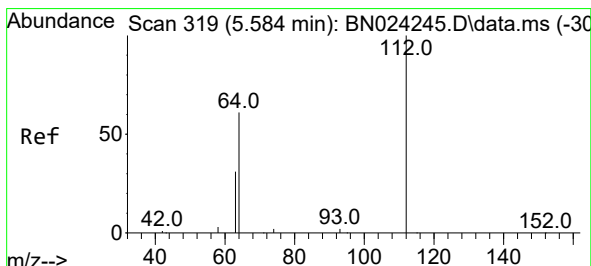
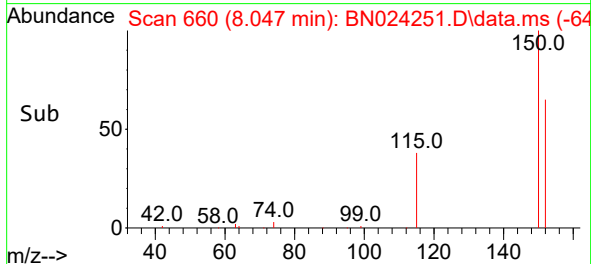
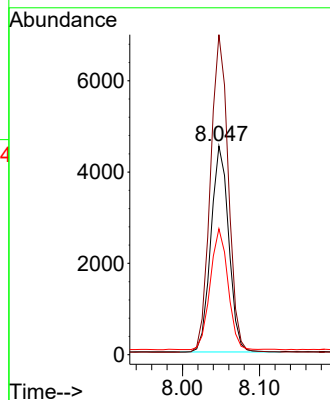
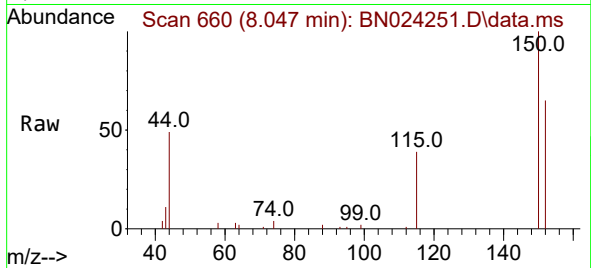




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.047 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN024251.D
Acq: 13 Mar 2023 18:44

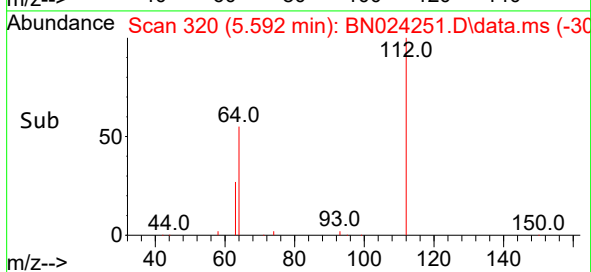
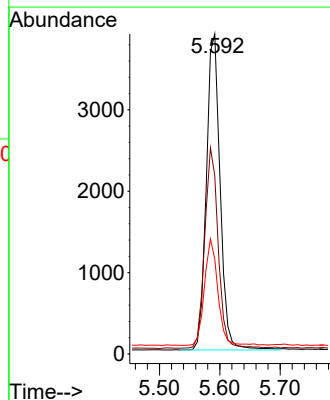
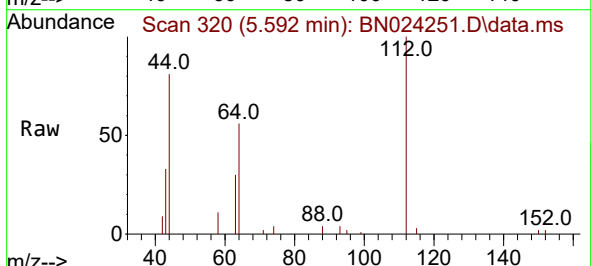
Instrument :
BNA_N
ClientSampleId :
PB151332BL

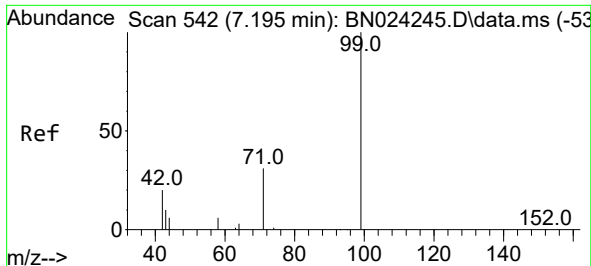
Tgt Ion:152 Resp: 7241
Ion Ratio Lower Upper
152 100
150 153.4 124.7 187.1
115 60.3 49.1 73.7



#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN024251.D
Acq: 13 Mar 2023 18:44

Tgt Ion:112 Resp: 6152
Ion Ratio Lower Upper
112 100
64 61.8 49.0 73.6
63 32.7 25.7 38.5

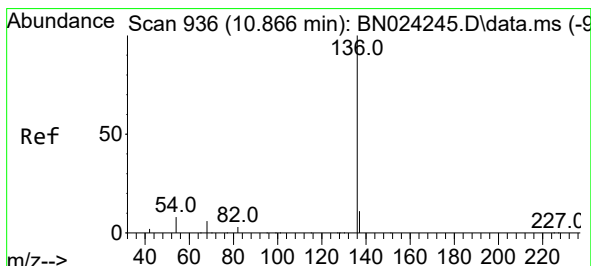
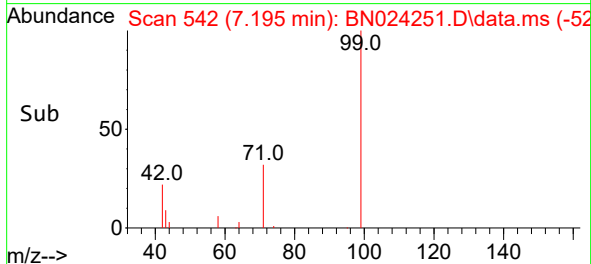
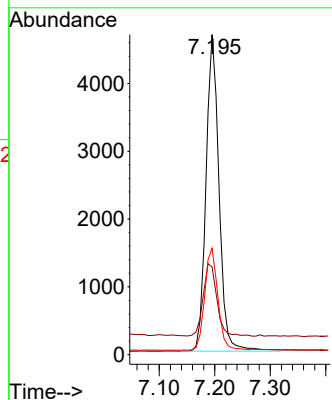
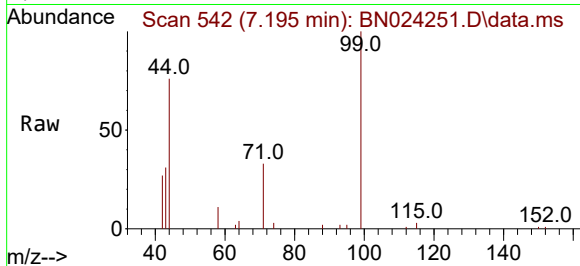




#5
Phenol-d6
Concen: 0.370 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.000 min
Lab File: BN024251.D
Acq: 13 Mar 2023 18:44

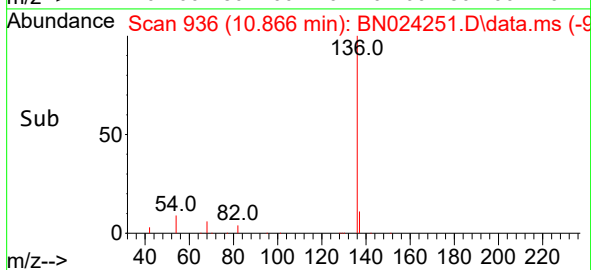
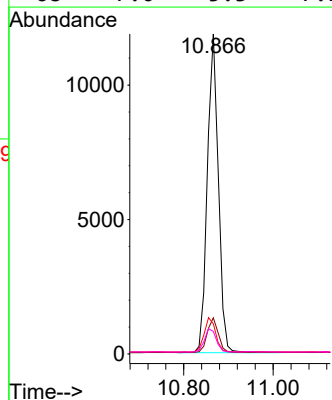
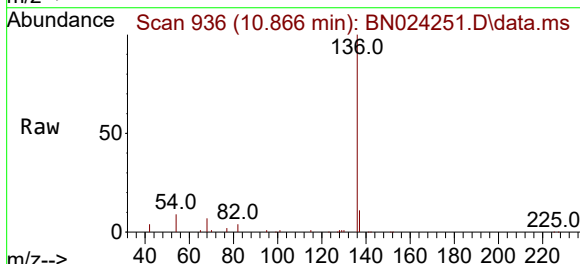
Instrument :
BNA_N
ClientSampleId :
PB151332BL

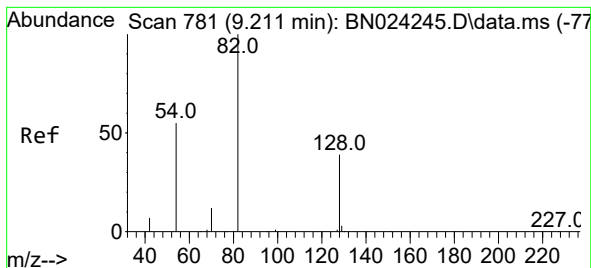
Tgt Ion: 99 Resp: 7621
Ion Ratio Lower Upper
99 100
42 24.0 20.1 30.1
71 33.1 25.8 38.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.866 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN024251.D
Acq: 13 Mar 2023 18:44

Tgt Ion: 136 Resp: 20189
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.5 7.1 10.7
68 7.0 5.3 7.9





#8

Nitrobenzene-d5

Concen: 0.376 ng

RT: 9.211 min Scan# 781

Delta R.T. 0.000 min

Lab File: BN024251.D

Acq: 13 Mar 2023 18:44

Instrument :

BNA_N

ClientSampleId :

PB151332BL

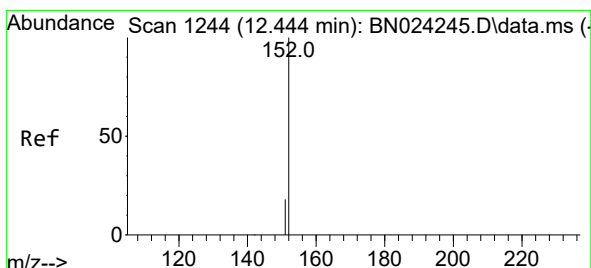
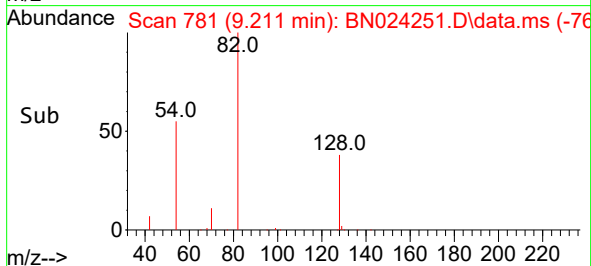
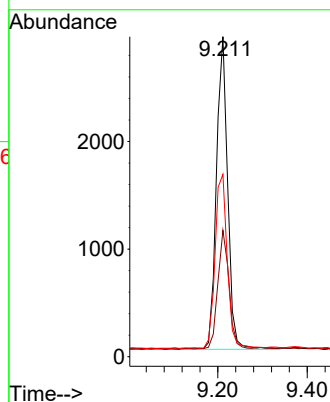
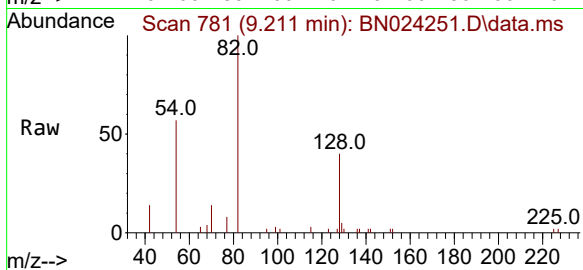
Tgt Ion: 82 Resp: 5078

Ion Ratio Lower Upper

82 100

128 39.5 32.4 48.6

54 57.0 45.2 67.8



#11

2-Methylnaphthalene-d10

Concen: 0.408 ng

RT: 12.444 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BN024251.D

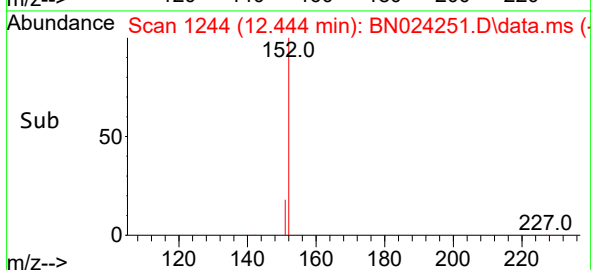
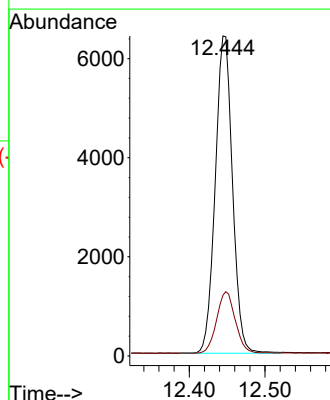
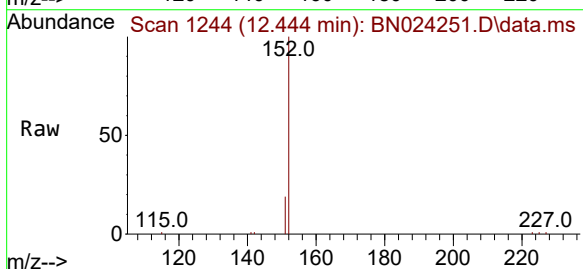
Acq: 13 Mar 2023 18:44

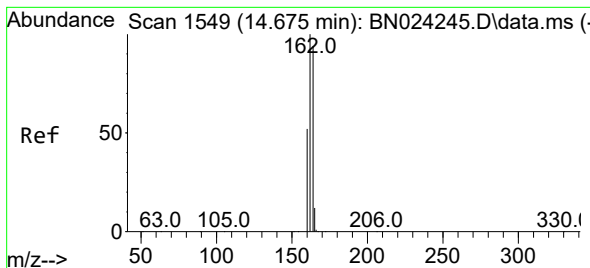
Tgt Ion: 152 Resp: 10118

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.675 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024251.D

Acq: 13 Mar 2023 18:44

Instrument :

BNA_N

ClientSampleId :

PB151332BL

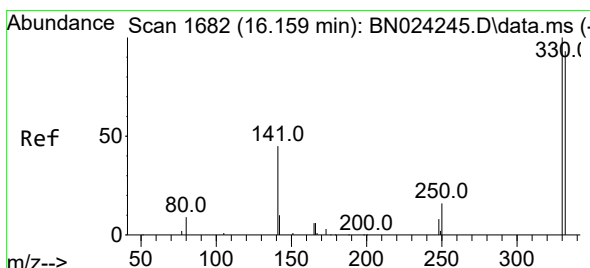
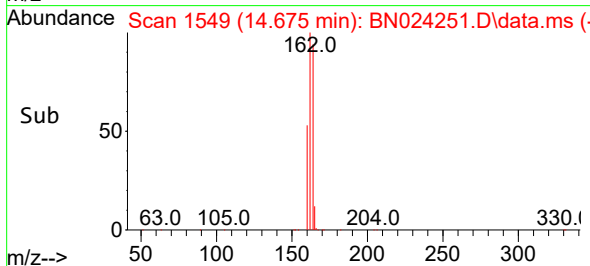
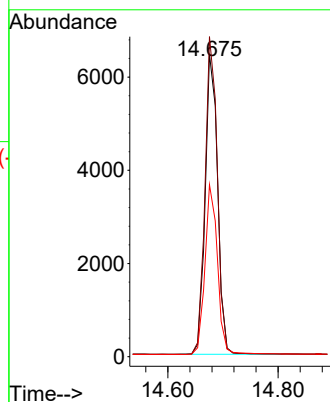
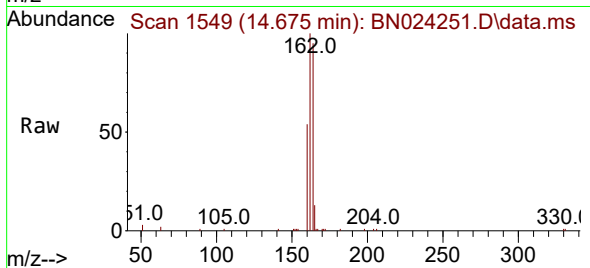
Tgt Ion:164 Resp: 10163

Ion Ratio Lower Upper

164 100

162 105.8 84.7 127.1

160 56.9 44.6 66.8



#14

2,4,6-Tribromophenol

Concen: 0.229 ng

RT: 16.172 min Scan# 1683

Delta R.T. 0.013 min

Lab File: BN024251.D

Acq: 13 Mar 2023 18:44

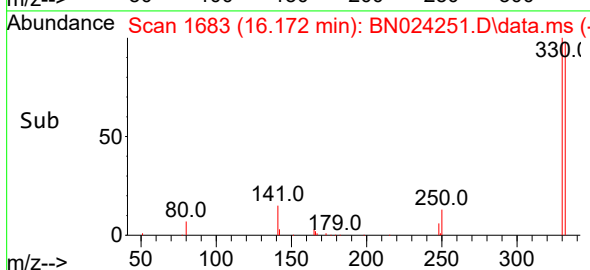
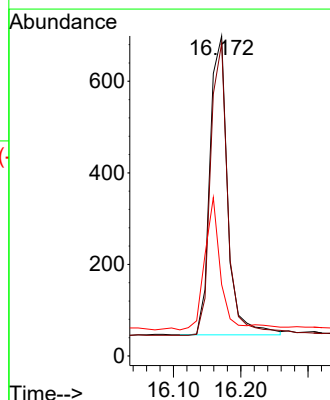
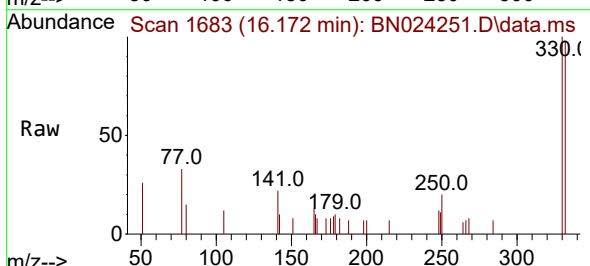
Tgt Ion:330 Resp: 1192

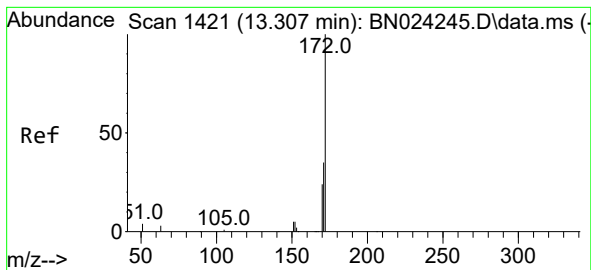
Ion Ratio Lower Upper

330 100

332 95.6 78.0 117.0

141 37.8 30.8 46.2

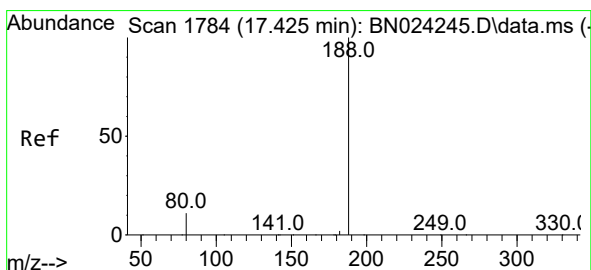
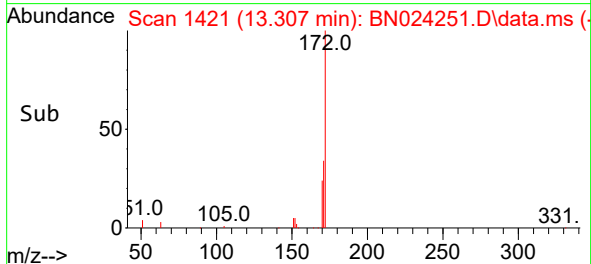
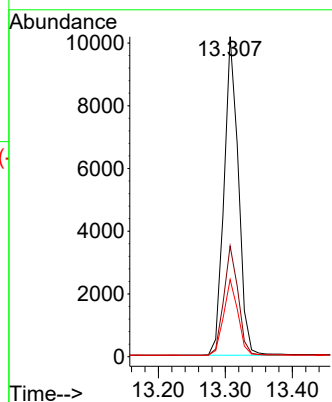
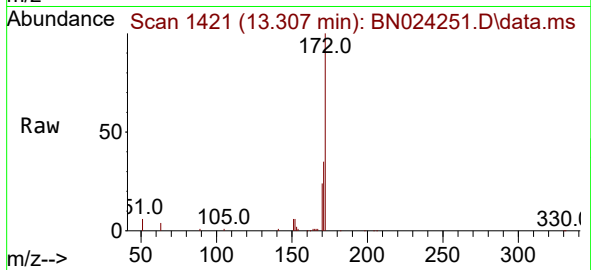




#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024251.D
Acq: 13 Mar 2023 18:44

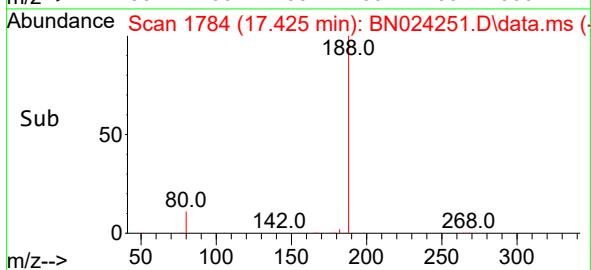
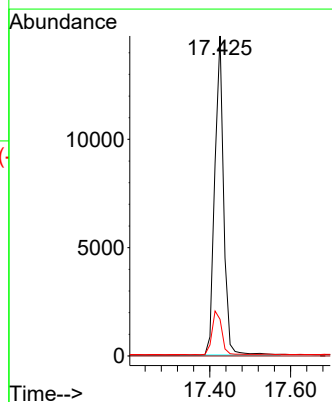
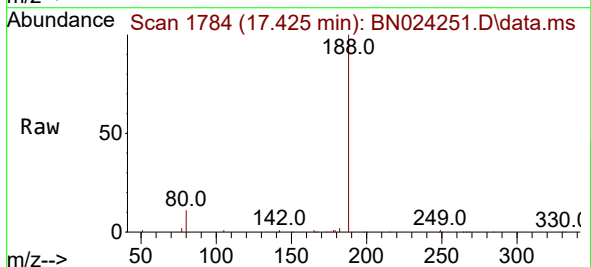
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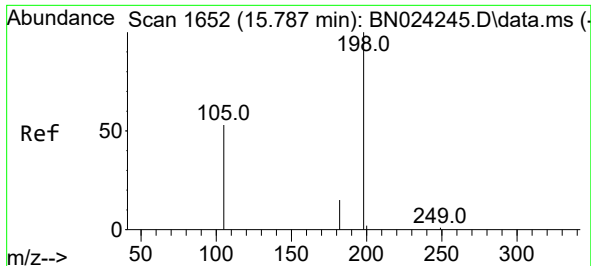
Tgt Ion:172 Resp: 15170
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 24.1 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.425 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BN024251.D
Acq: 13 Mar 2023 18:44

Tgt Ion:188 Resp: 22404
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 8.9 13.3

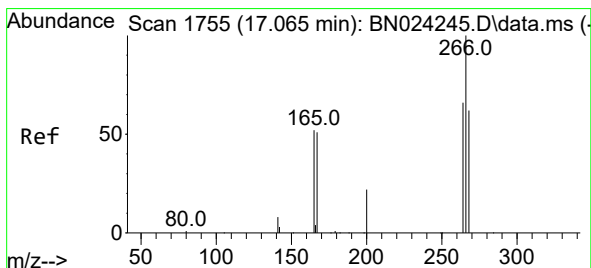
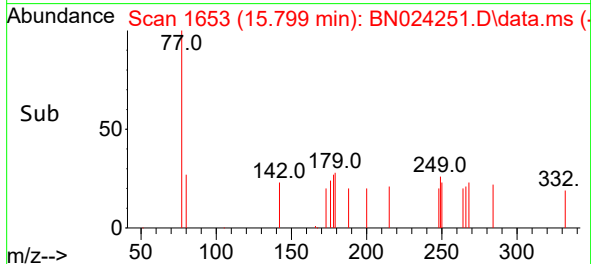
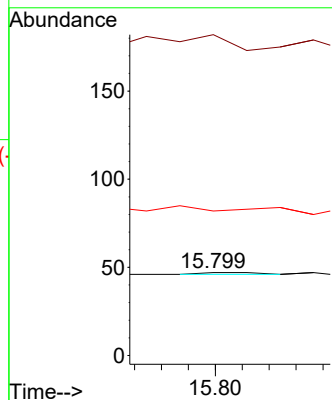
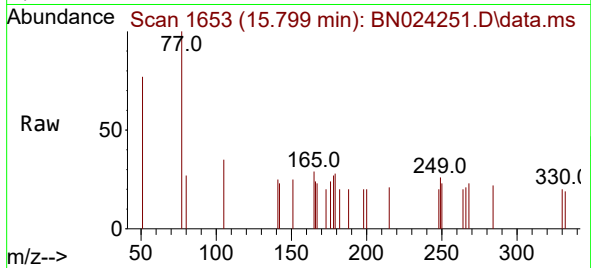




#20
4,6-Dinitro-2-methylphenol
Concen: 0.178 ng
RT: 15.799 min Scan# 1653
Delta R.T. 0.012 min
Lab File: BN024251.D
Acq: 13 Mar 2023 18:44

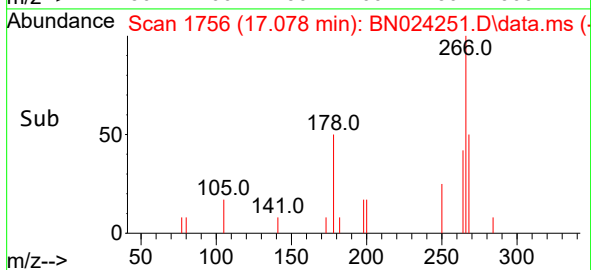
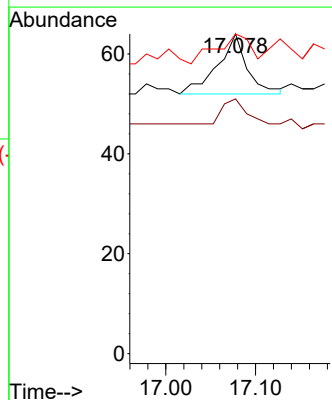
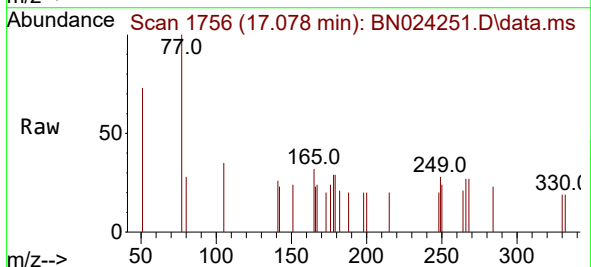
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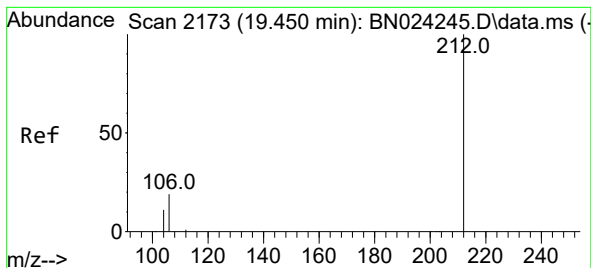
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 387.2 68.2 102.2#
105 174.5 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.131 ng
RT: 17.078 min Scan# 1756
Delta R.T. 0.013 min
Lab File: BN024251.D
Acq: 13 Mar 2023 18:44

Tgt Ion:266 Resp: 28
Ion Ratio Lower Upper
266 100
264 57.1 51.1 76.7
268 57.1 52.2 78.4





#27

Fluoranthene-d10

Concen: 0.425 ng

RT: 19.450 min Scan# 2173

Delta R.T. 0.000 min

Lab File: BN024251.D

Acq: 13 Mar 2023 18:44

Instrument :

BNA_N

ClientSampleId :

PB151332BL

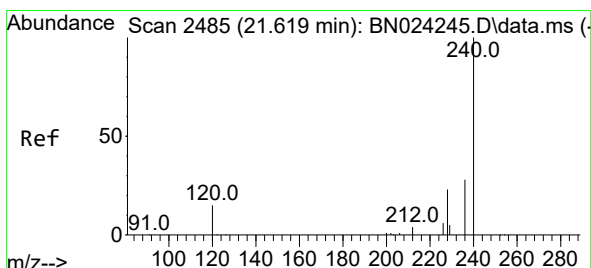
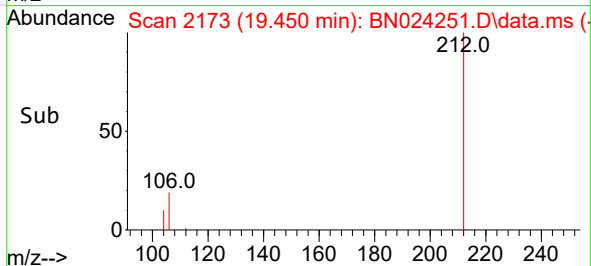
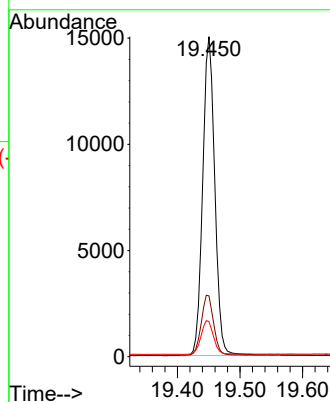
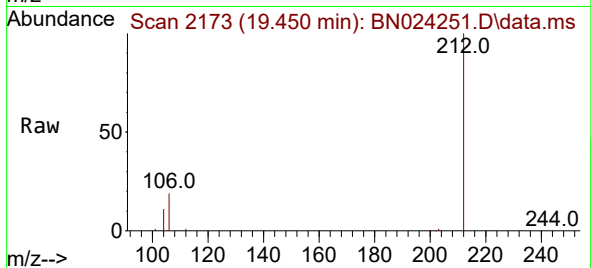
Tgt Ion:212 Resp: 20172

Ion Ratio Lower Upper

212 100

106 19.2 15.4 23.2

104 10.8 8.6 13.0



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.610 min Scan# 2484

Delta R.T. -0.009 min

Lab File: BN024251.D

Acq: 13 Mar 2023 18:44

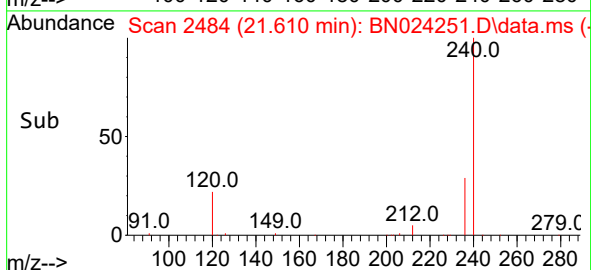
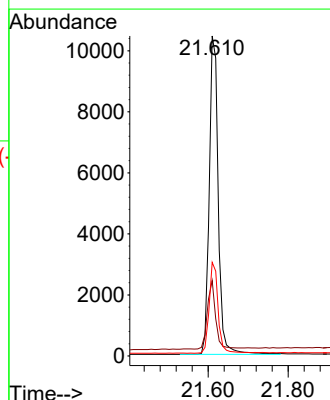
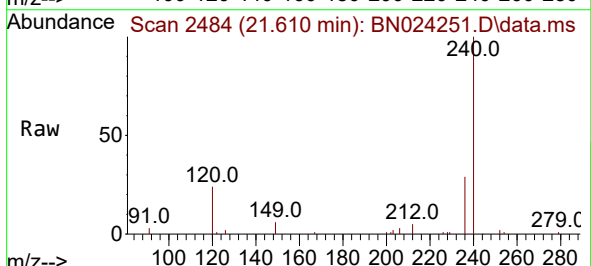
Tgt Ion:240 Resp: 16401

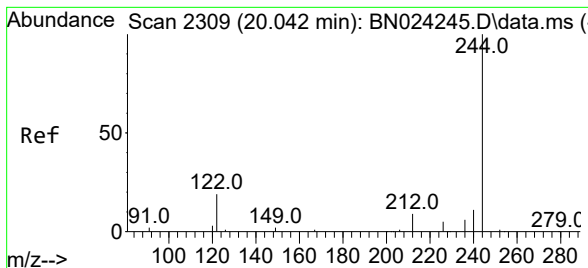
Ion Ratio Lower Upper

240 100

120 23.5 12.8 19.2#

236 29.2 22.5 33.7





#31

Terphenyl-d14

Concen: 0.435 ng

RT: 20.043 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024251.D

Acq: 13 Mar 2023 18:44

Instrument :

BNA_N

ClientSampleId :

PB151332BL

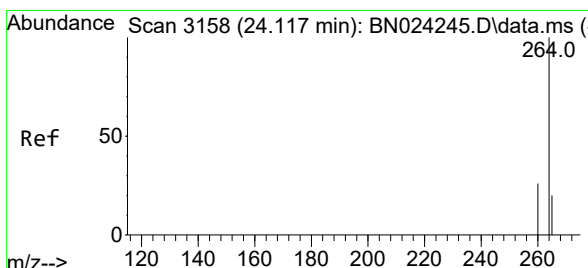
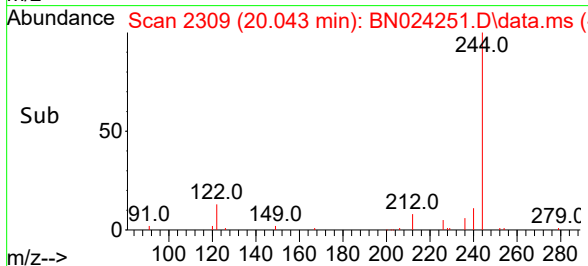
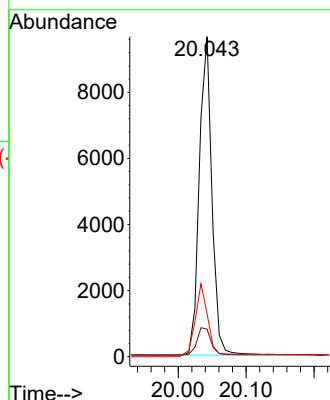
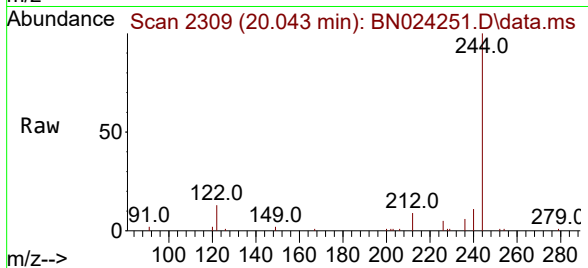
Tgt Ion:244 Resp: 12040

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

122 13.4 15.1 22.7#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.114 min Scan# 3157

Delta R.T. -0.003 min

Lab File: BN024251.D

Acq: 13 Mar 2023 18:44

Tgt Ion:264 Resp: 13708

Ion Ratio Lower Upper

264 100

260 26.7 21.4 32.2

265 53.7 35.7 53.5#

