

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030013.D
 Acq On : 25 Feb 2024 04:43
 Operator : MA/JU
 Sample : PB159197BL
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB159197BL

Quant Time: Feb 26 02:47:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4021	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9917	0.400	ng	0.01
13) Acenaphthene-d10	14.511	164	4419	0.400	ng	0.02
19) Phenanthrene-d10	17.293	188	8318	0.400	ng	0.04
29) Chrysene-d12	21.483	240	5774	0.400	ng	0.03
35) Perylene-d12	23.847	264	5230	0.400	ng	# 0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	3685	0.381	ng	0.00
5) Phenol-d6	7.031	99	3369	0.302	ng	0.00
8) Nitrobenzene-d5	9.036	82	3191	0.386	ng	0.02
11) 2-Methylnaphthalene-d10	12.257	152	4800	0.355	ng	0.01
14) 2,4,6-Tribromophenol	16.052	330	389	0.274	ng	0.05
15) 2-Fluorobiphenyl	13.143	172	6177	0.326	ng	0.02
27) Fluoranthene-d10	19.313	212	8243	0.409	ng	0.02
31) Terphenyl-d14	19.917	244	6011	0.419	ng	0.02

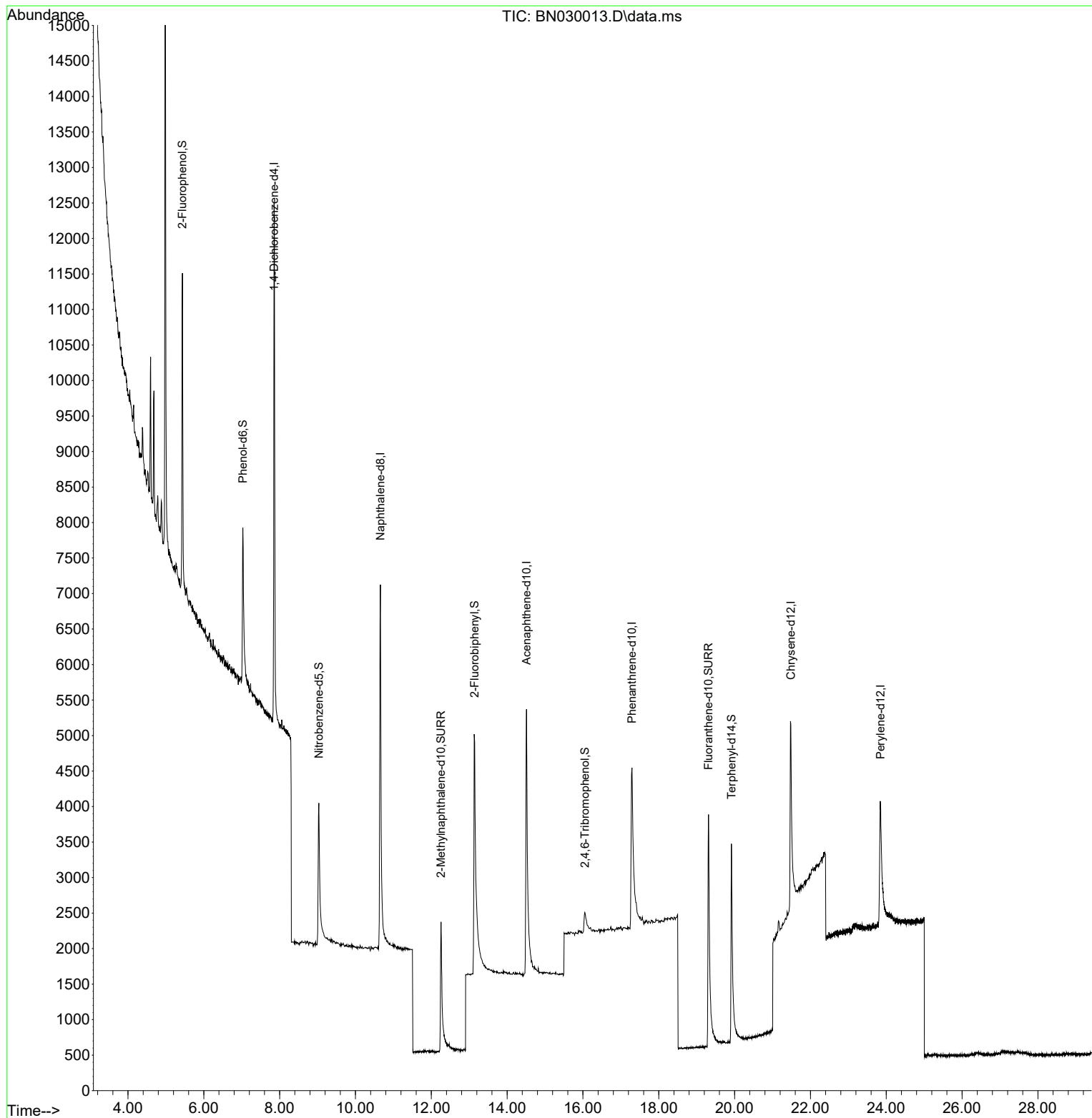
Target Compounds	Qvalue

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

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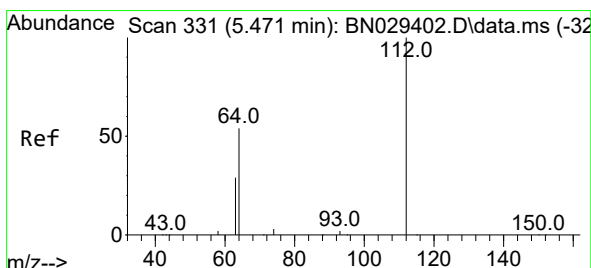
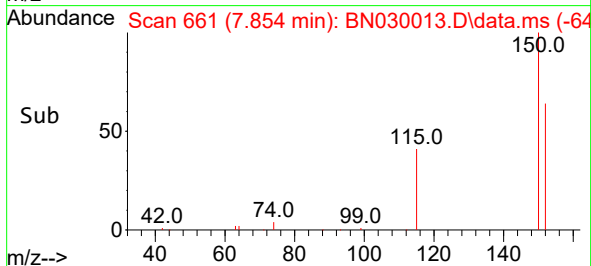
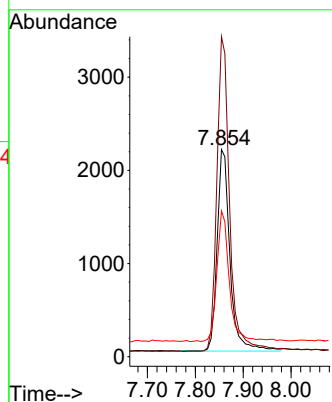
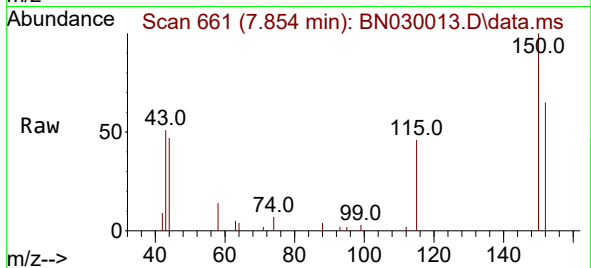




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

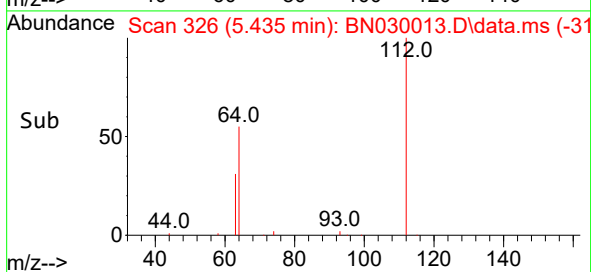
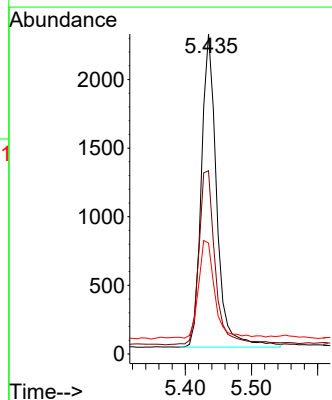
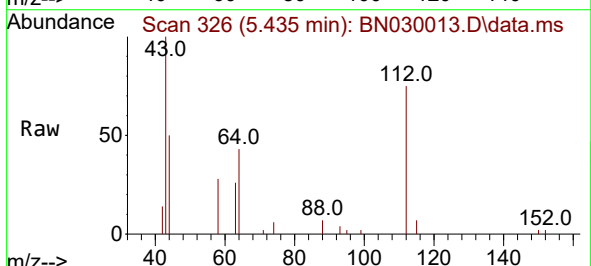
Instrument :
BNA_N
ClientSampleId :
PB159197BL

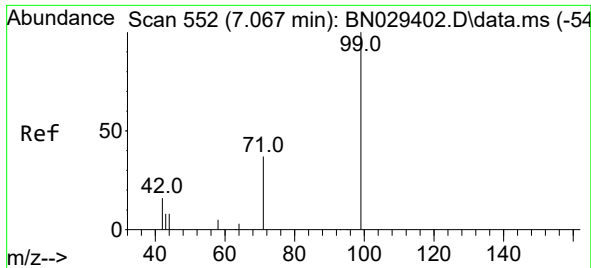
Tgt Ion:152 Resp: 4021
Ion Ratio Lower Upper
152 100
150 154.4 123.0 184.4
115 70.3 51.4 77.0



#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.435 min Scan# 326
Delta R.T. 0.007 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

Tgt Ion:112 Resp: 3685
Ion Ratio Lower Upper
112 100
64 60.1 47.2 70.8
63 33.0 25.8 38.6

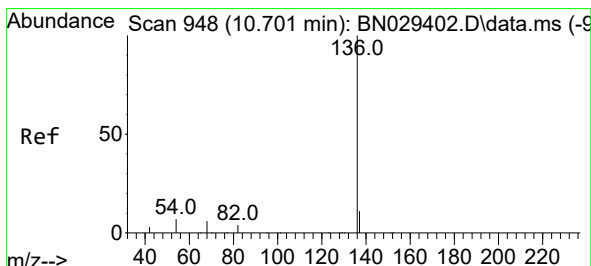
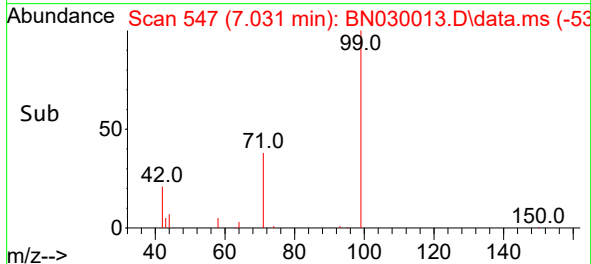
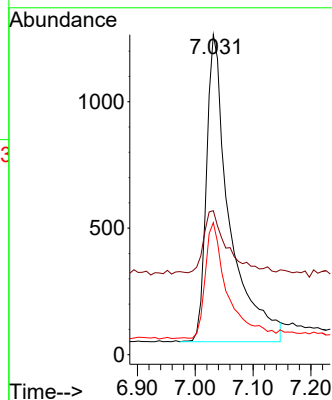
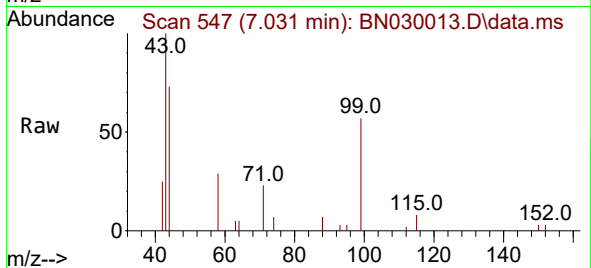




#5
Phenol-d6
Concen: 0.302 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

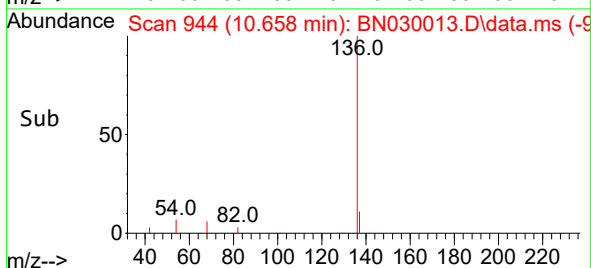
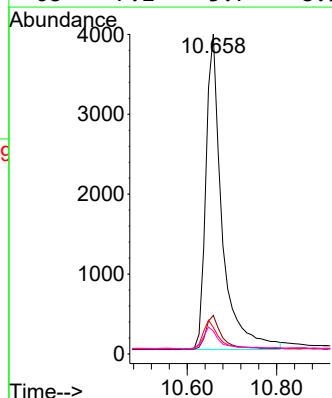
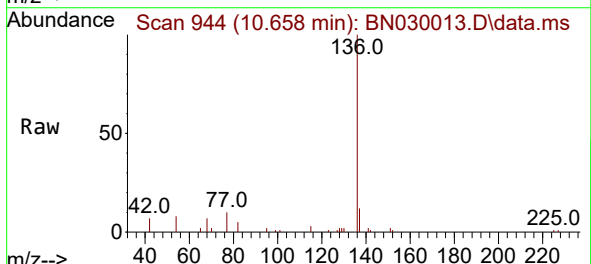
Instrument :
BNA_N
ClientSampleId :
PB159197BL

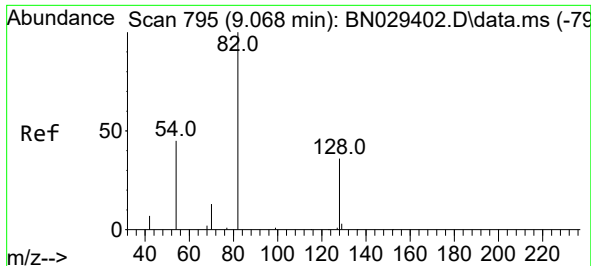
Tgt Ion:	99	Resp:	3369
Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.9	25.3
71	36.3	30.0	45.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.011 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

Tgt Ion:	136	Resp:	9917
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	8.3	6.6	10.0
68	7.2	5.7	8.5

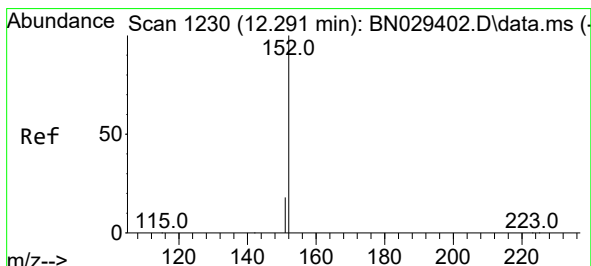
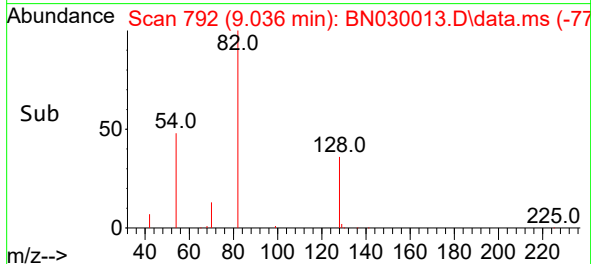
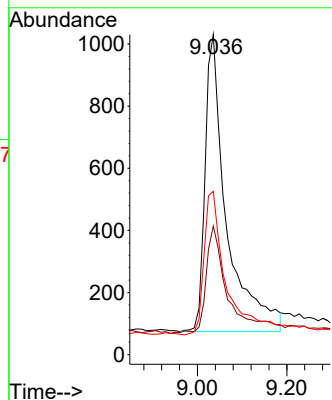
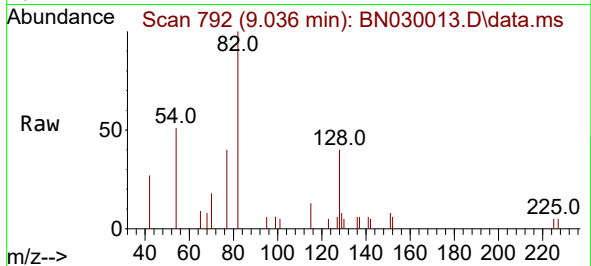




#8
 Nitrobenzene-d5
 Concen: 0.386 ng
 RT: 9.036 min Scan# 795
 Delta R.T. 0.022 min
 Lab File: BN030013.D
 Acq: 25 Feb 2024 04:43

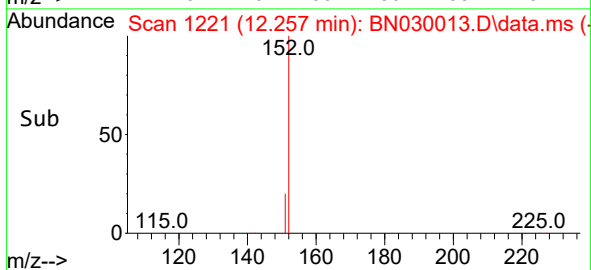
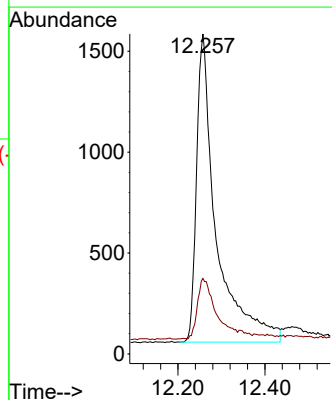
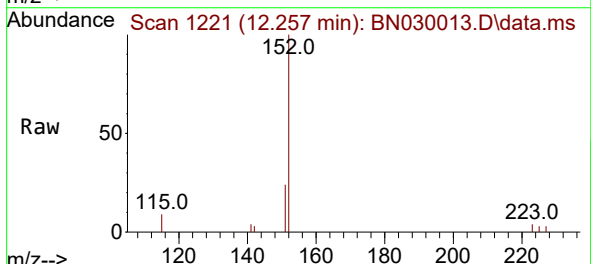
Instrument :
 BNA_N
 ClientSampleId :
 PB159197BL

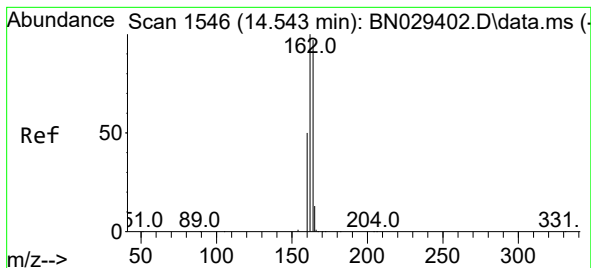
Tgt Ion: 82 Resp: 3191
 Ion Ratio Lower Upper
 82 100
 128 40.2 31.6 47.4
 54 51.1 38.2 57.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.355 ng
 RT: 12.257 min Scan# 1221
 Delta R.T. 0.012 min
 Lab File: BN030013.D
 Acq: 25 Feb 2024 04:43

Tgt Ion: 152 Resp: 4800
 Ion Ratio Lower Upper
 152 100
 151 18.0 17.1 25.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.511 min Scan# 1

Delta R.T. 0.022 min

Lab File: BN030013.D

Acq: 25 Feb 2024 04:43

Instrument :

BNA_N

ClientSampleId :

PB159197BL

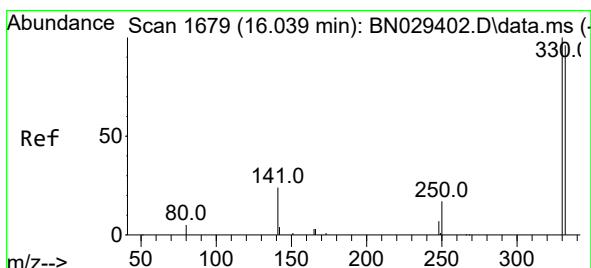
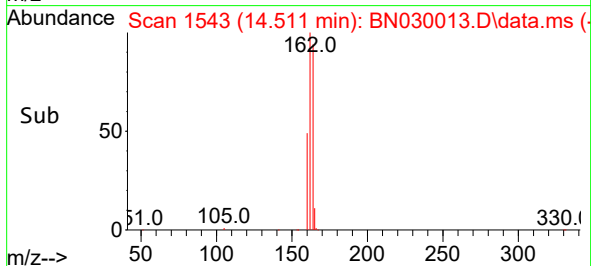
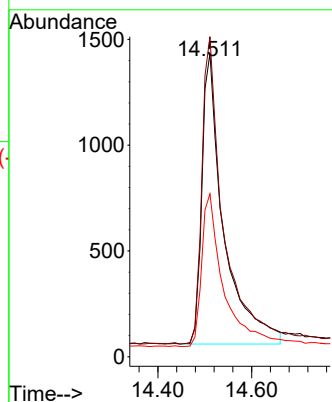
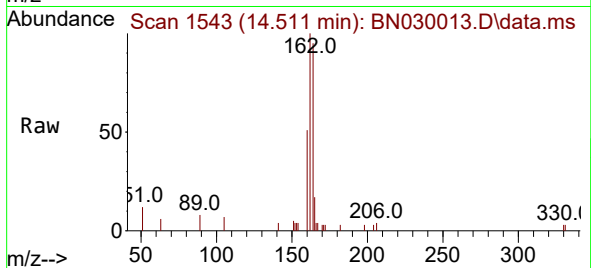
Tgt Ion:164 Resp: 4419

Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

160 53.7 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.274 ng

RT: 16.052 min Scan# 1680

Delta R.T. 0.050 min

Lab File: BN030013.D

Acq: 25 Feb 2024 04:43

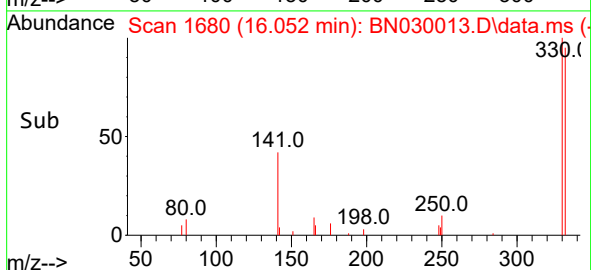
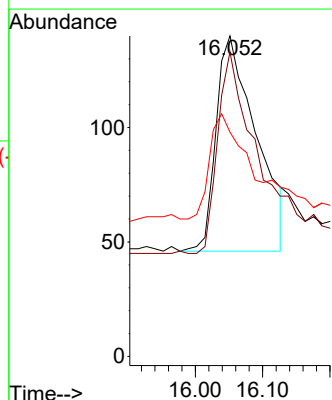
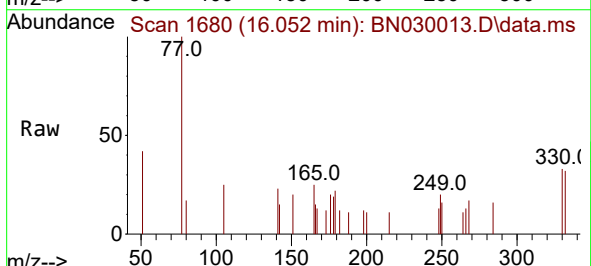
Tgt Ion:330 Resp: 389

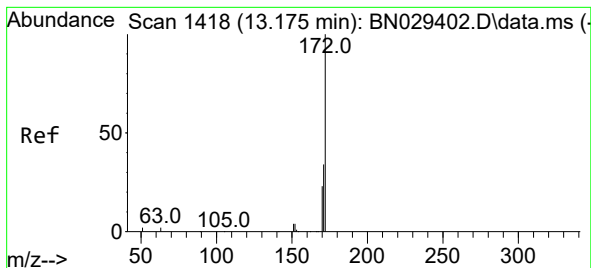
Ion Ratio Lower Upper

330 100

332 86.4 76.0 114.0

141 50.1 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.326 ng

RT: 13.143 min Scan# 1418

Delta R.T. 0.022 min

Lab File: BN030013.D

Acq: 25 Feb 2024 04:43

Instrument :

BNA_N

ClientSampleId :

PB159197BL

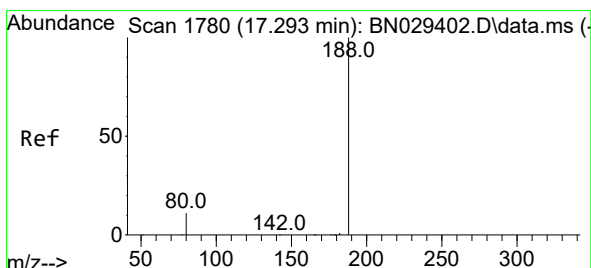
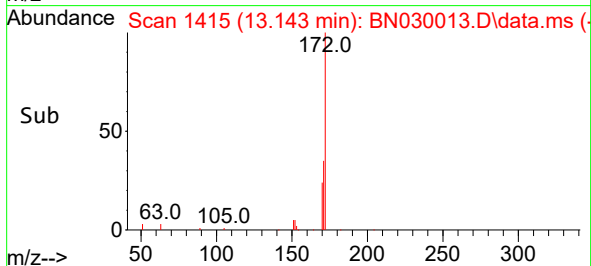
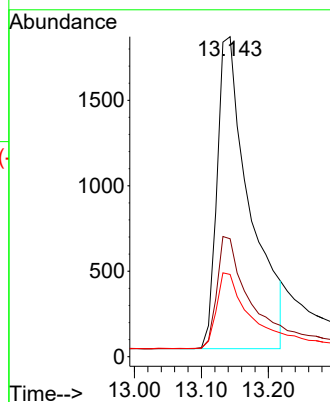
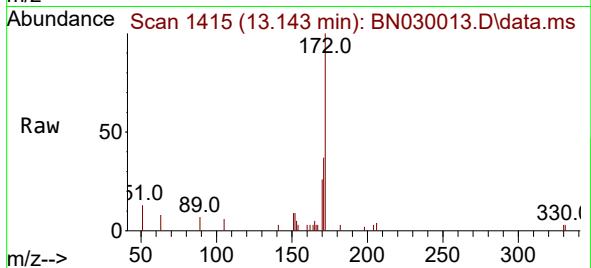
Tgt Ion:172 Resp: 6177

Ion Ratio Lower Upper

172 100

171 36.9 28.0 42.0

170 25.7 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.293 min Scan# 1780

Delta R.T. 0.037 min

Lab File: BN030013.D

Acq: 25 Feb 2024 04:43

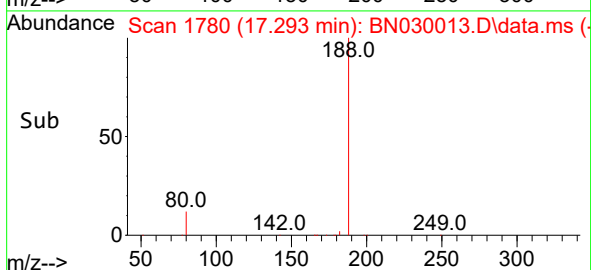
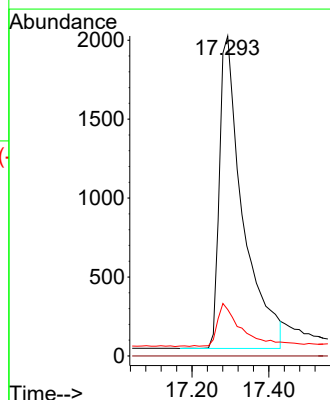
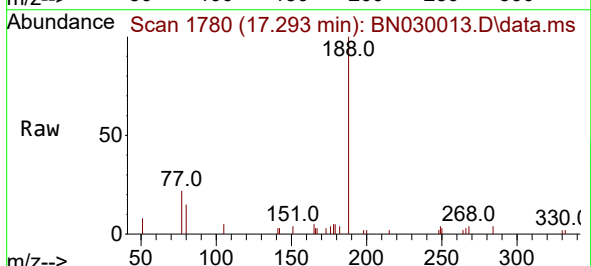
Tgt Ion:188 Resp: 8318

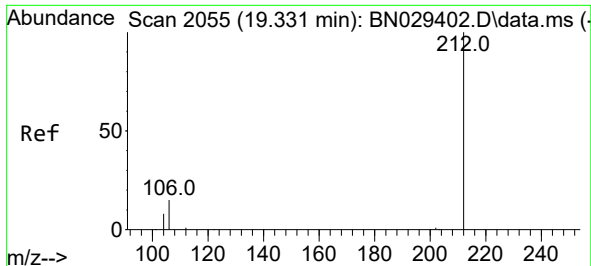
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.5 10.0 15.0

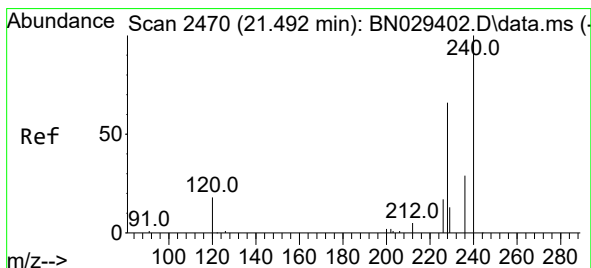
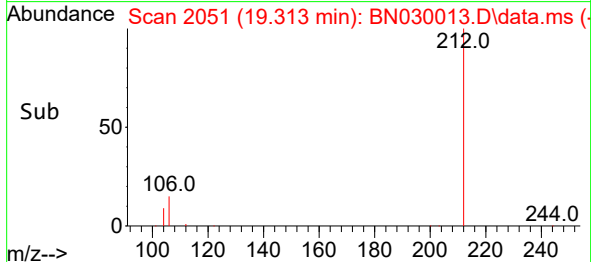
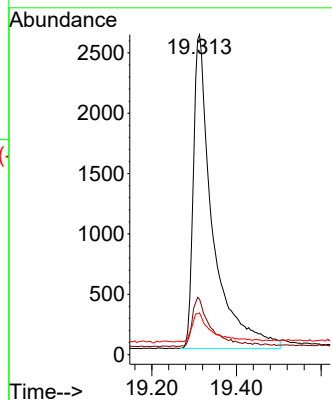
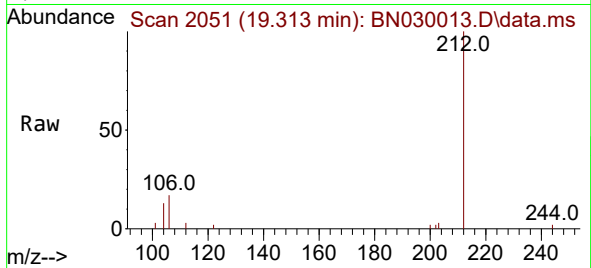




#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.313 min Scan# 2051
Delta R.T. 0.023 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

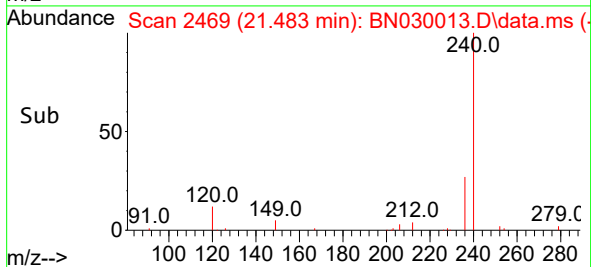
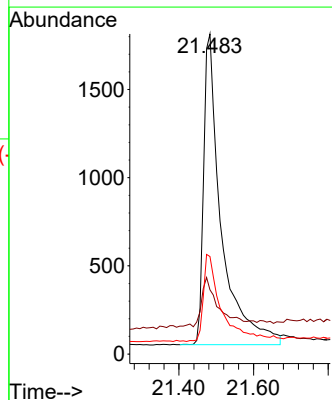
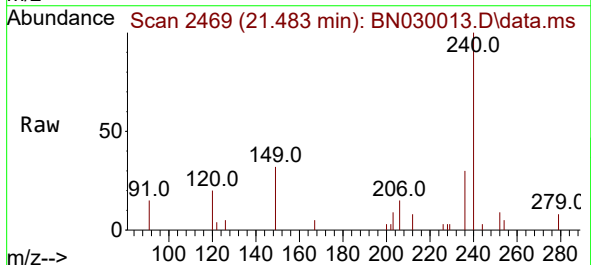
Instrument :
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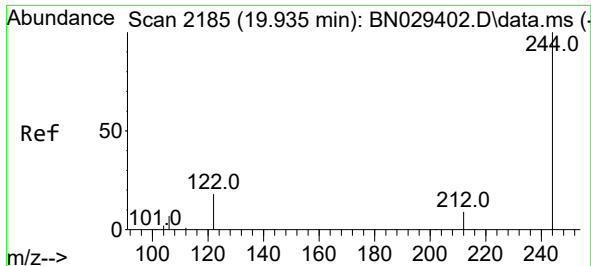
Tgt Ion:212 Resp: 8243
Ion Ratio Lower Upper
212 100
106 14.3 13.2 19.8
104 8.6 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.483 min Scan# 2469
Delta R.T. 0.027 min
Lab File: BN030013.D
Acq: 25 Feb 2024 04:43

Tgt Ion:240 Resp: 5774
Ion Ratio Lower Upper
240 100
120 20.1 16.7 25.1
236 30.5 23.9 35.9

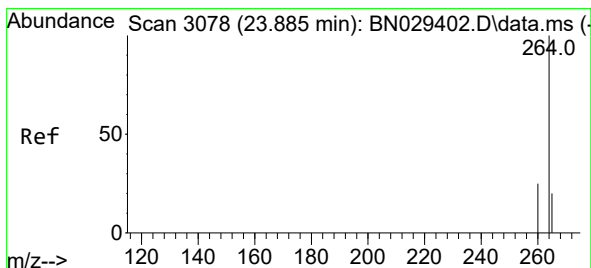
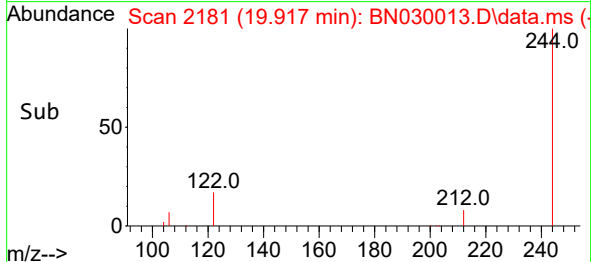
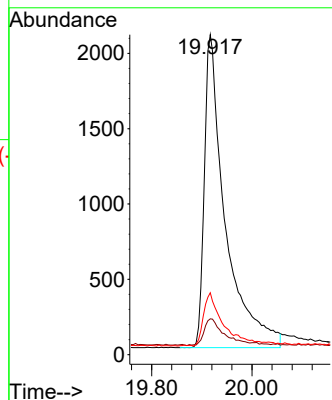
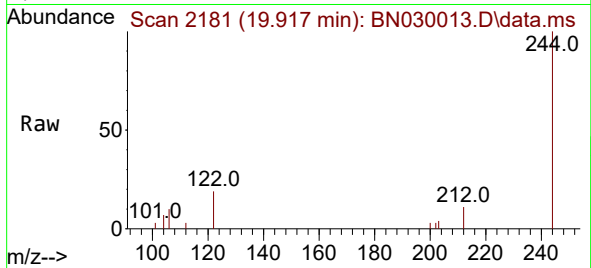




#31
 Terphenyl-d14
 Concen: 0.419 ng
 RT: 19.917 min Scan# 2185
 Delta R.T. 0.019 min
 Lab File: BN030013.D
 Acq: 25 Feb 2024 04:43

Instrument :
 BNA_N
 ClientSampleId :
 PB159197BL

Tgt Ion:244 Resp: 6011
 Ion Ratio Lower Upper
 244 100
 212 11.2 8.2 12.4
 122 19.4 15.6 23.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.847 min Scan# 3065
 Delta R.T. 0.027 min
 Lab File: BN030013.D
 Acq: 25 Feb 2024 04:43

Tgt Ion:264 Resp: 5230
 Ion Ratio Lower Upper
 264 100
 260 27.9 21.2 31.8
 265 121.3 41.5 62.3#

