

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
 Data File : BN030077.D
 Acq On : 27 Feb 2024 03:50
 Operator : MA/JU
 Sample : P1578-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT149S1-20240222

Quant Time: Feb 27 04:17:12 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)

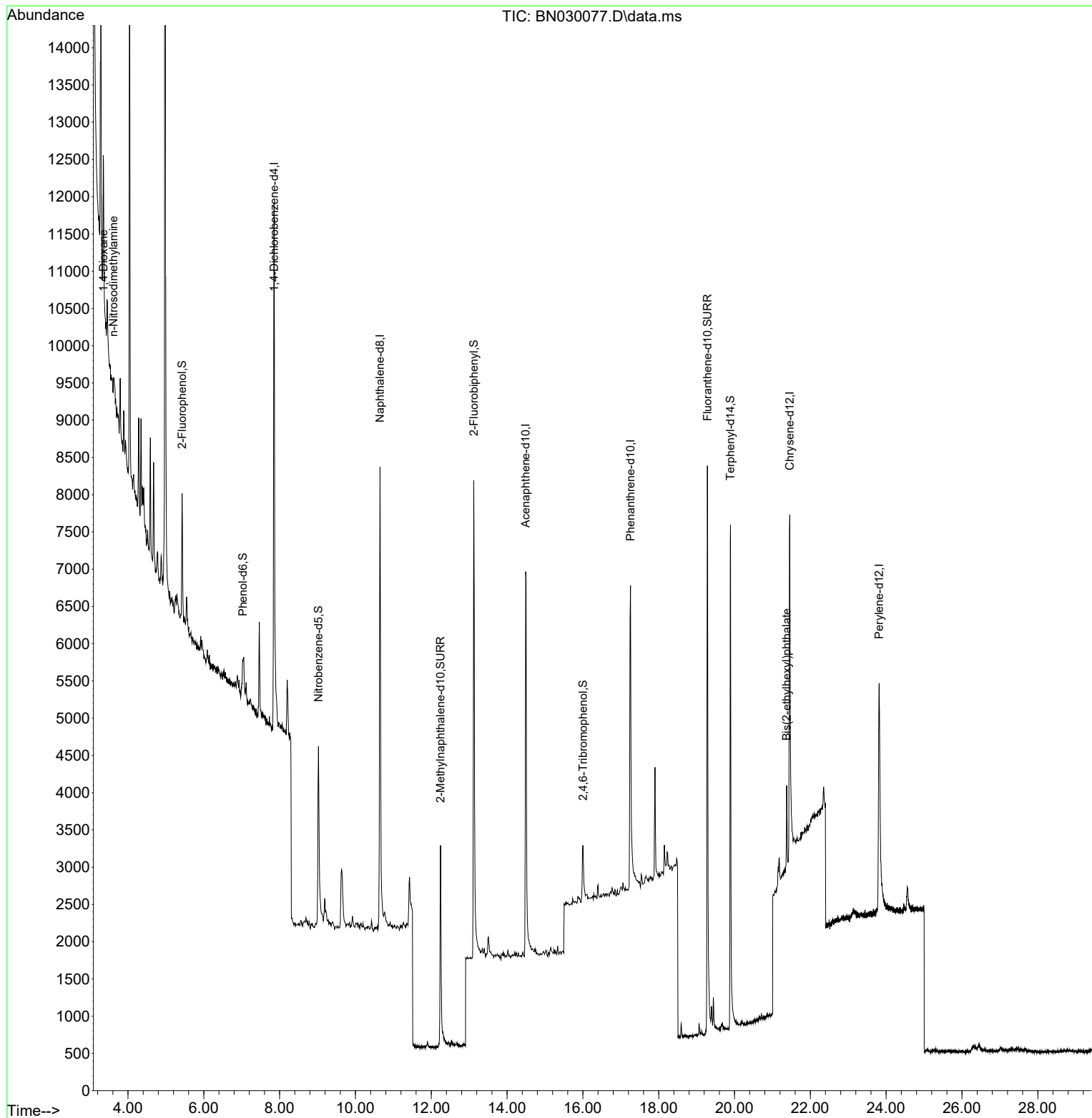
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3728	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	9435	0.400	ng	# 0.00
13) Acenaphthene-d10	14.490	164	4166	0.400	ng	0.00
19) Phenanthrene-d10	17.255	188	8636	0.400	ng	0.00
29) Chrysene-d12	21.456	240	7073	0.400	ng	# 0.00
35) Perylene-d12	23.815	264	6740	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	1417	0.158	ng	0.00
5) Phenol-d6	7.031	99	723	0.070	ng	0.00
8) Nitrobenzene-d5	9.025	82	3074	0.391	ng	0.01
11) 2-Methylnaphthalene-d10	12.242	152	4899	0.381	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	579	0.433	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	7066	0.395	ng	0.00
27) Fluoranthene-d10	19.285	212	10541	0.504	ng	0.00
31) Terphenyl-d14	19.894	244	8338	0.475	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.355	88	1352	0.258	ng	# 43
3) n-Nitrosodimethylamine	3.615	42	150	0.035	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.376	149	1231	0.075	ng	93

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

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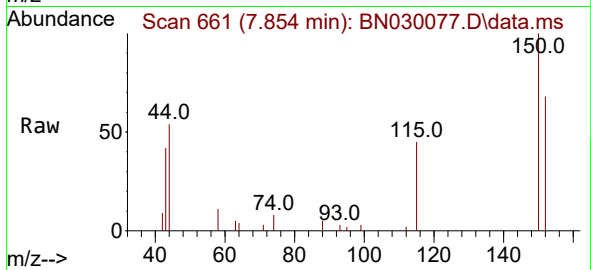
Quant Time: Feb 27 04:17:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration



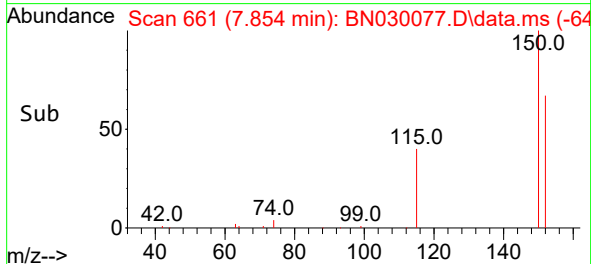
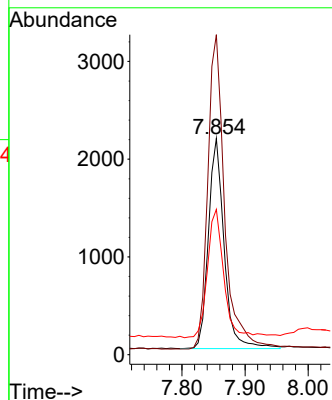


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 6
 Delta R.T. 0.000 min
 Lab File: BN030077.D
 Acq: 27 Feb 2024 03:50

Instrument :
 BNA_N
 ClientSampleId :
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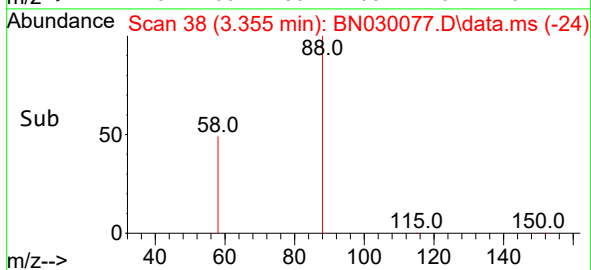
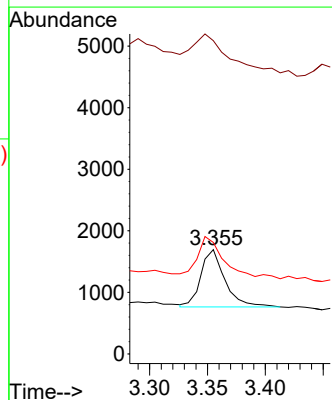
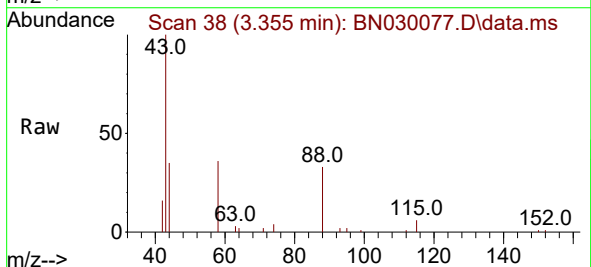


Tgt Ion:152 Resp: 3728
 Ion Ratio Lower Upper
 152 100
 150 147.9 123.0 184.4
 115 67.2 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.258 ng
 RT: 3.355 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN030077.D
 Acq: 27 Feb 2024 03:50

Tgt Ion: 88 Resp: 1352
 Ion Ratio Lower Upper
 88 100
 43 100.5 23.3 34.9#
 58 86.2 53.8 80.6#

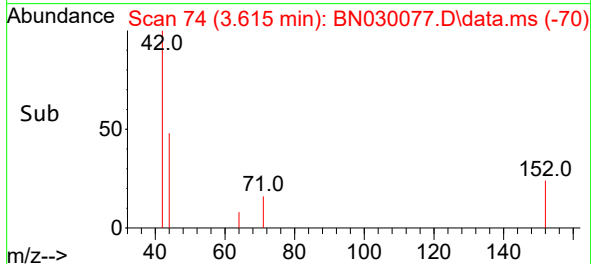
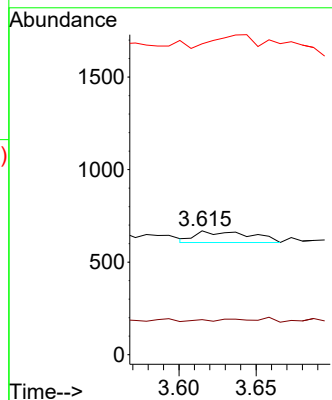
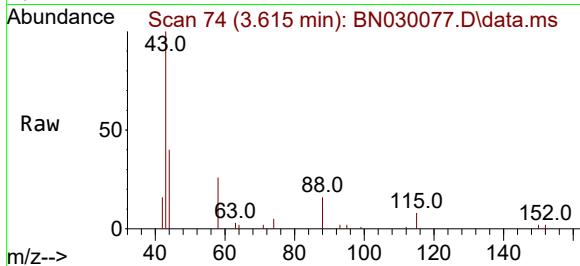




#3
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.615 min Scan# 74
Delta R.T. -0.072 min
Lab File: BN030077.D
Acq: 27 Feb 2024 03:50

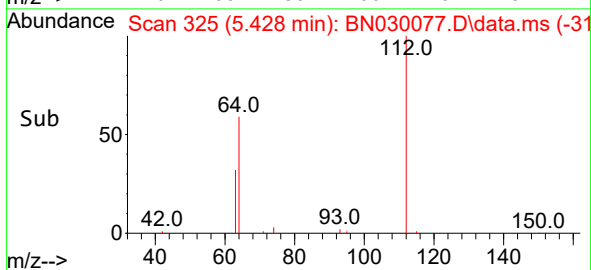
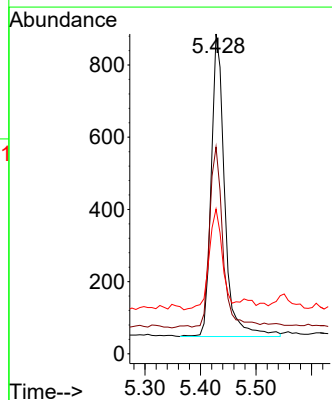
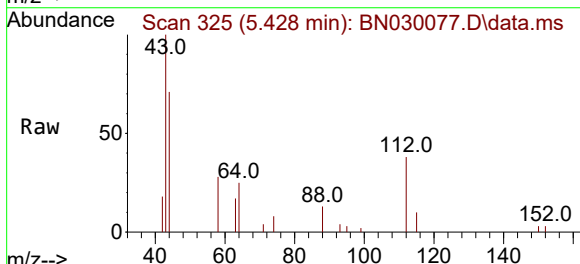
Instrument :
BNA_N
ClientSampleId :
TT149S1-20240222

Tgt Ion: 42 Resp: 150
Ion Ratio Lower Upper
42 100
74 0.0 93.7 140.5#
44 0.0 13.0 19.4#



#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.428 min Scan# 325
Delta R.T. 0.000 min
Lab File: BN030077.D
Acq: 27 Feb 2024 03:50

Tgt Ion: 112 Resp: 1417
Ion Ratio Lower Upper
112 100
64 58.5 47.2 70.8
63 33.9 25.8 38.6

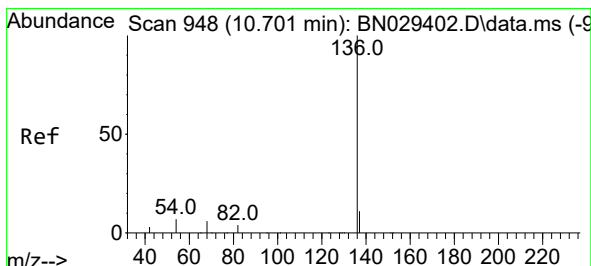
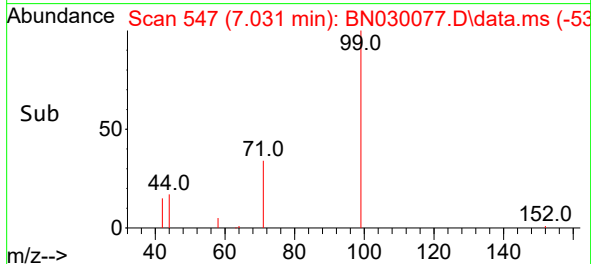
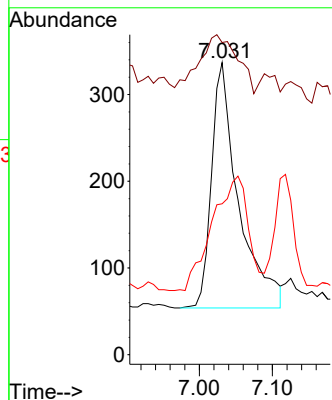
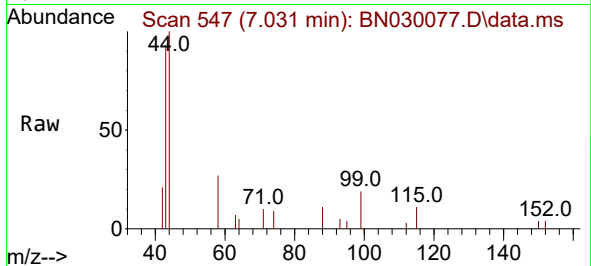




#5
Phenol-d6
Concen: 0.070 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN030077.D
Acq: 27 Feb 2024 03:50

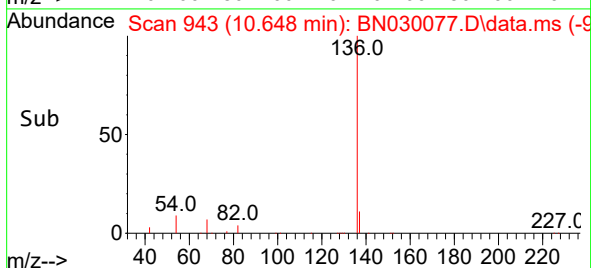
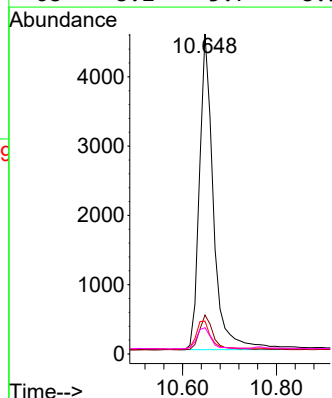
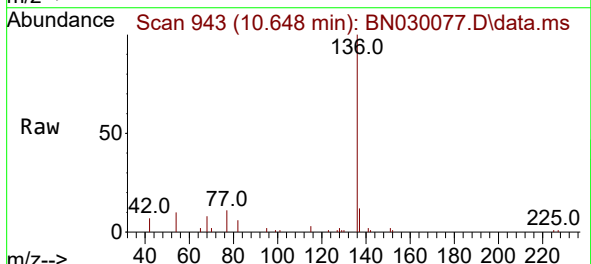
Instrument :
BNA_N
ClientSampleId :
TT149S1-20240222

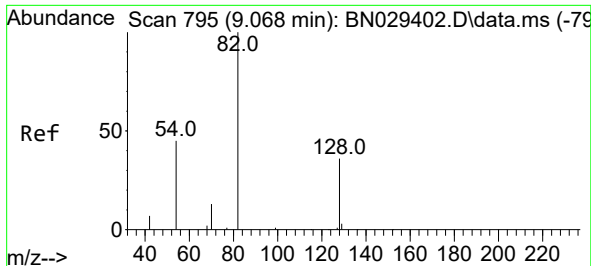
Tgt Ion: 99 Resp: 723
Ion Ratio Lower Upper
99 100
42 34.4 16.9 25.3#
71 0.0 30.0 45.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN030077.D
Acq: 27 Feb 2024 03:50

Tgt Ion: 136 Resp: 9435
Ion Ratio Lower Upper
136 100
137 12.2 9.7 14.5
54 10.2 6.6 10.0#
68 8.2 5.7 8.5

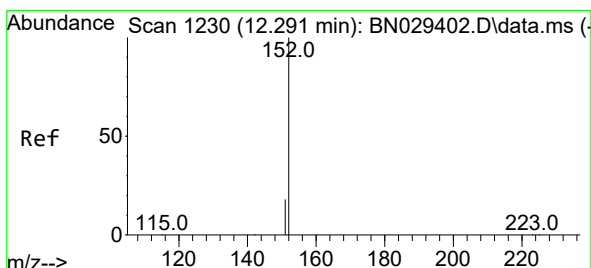
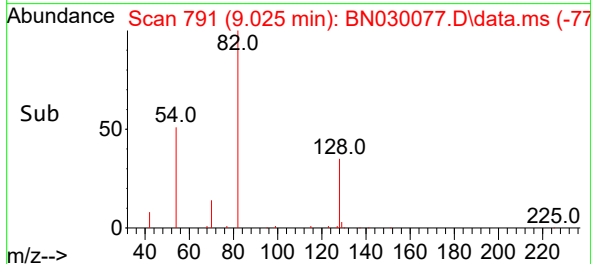
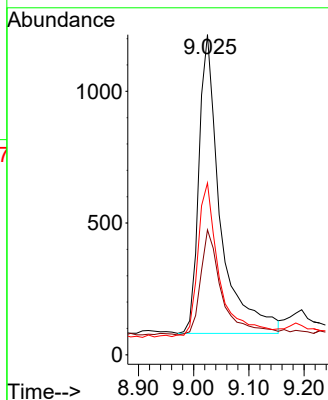
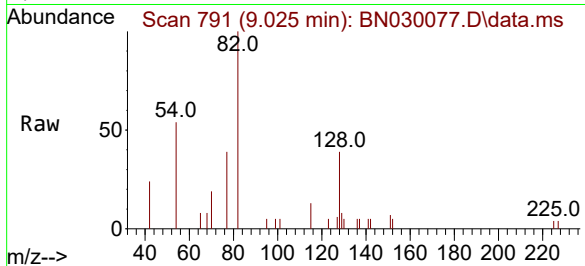




#8
 Nitrobenzene-d5
 Concen: 0.391 ng
 RT: 9.025 min Scan# 795
 Delta R.T. 0.011 min
 Lab File: BN030077.D
 Acq: 27 Feb 2024 03:50

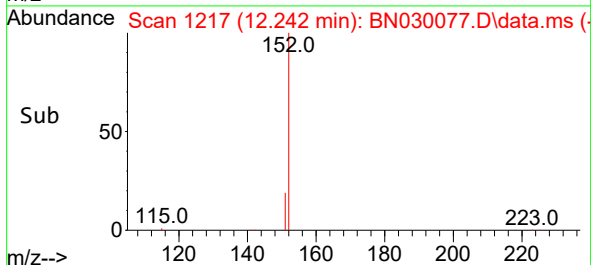
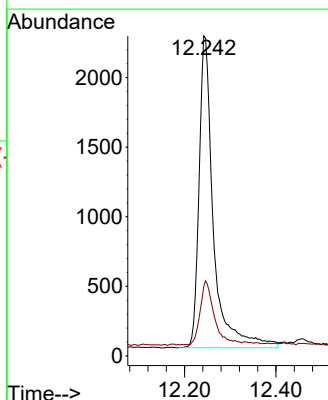
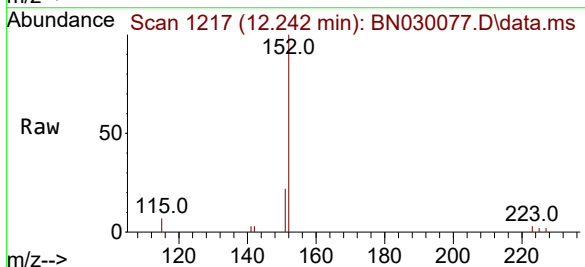
Instrument :
 BNA_N
 ClientSampleId :
 TT149S1-20240222

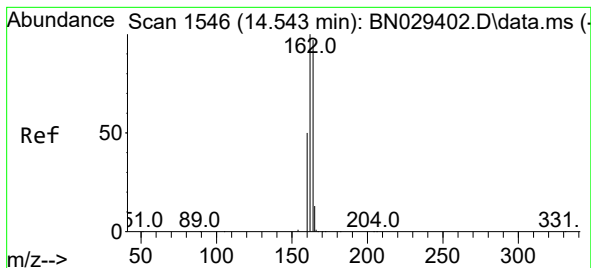
Tgt Ion: 82 Resp: 3074
 Ion Ratio Lower Upper
 82 100
 128 39.0 31.6 47.4
 54 53.7 38.2 57.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.381 ng
 RT: 12.242 min Scan# 1217
 Delta R.T. -0.004 min
 Lab File: BN030077.D
 Acq: 27 Feb 2024 03:50

Tgt Ion: 152 Resp: 4899
 Ion Ratio Lower Upper
 152 100
 151 20.0 17.1 25.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN030077.D

Acq: 27 Feb 2024 03:50

Instrument :

BNA_N

ClientSampleId :

TT149S1-20240222

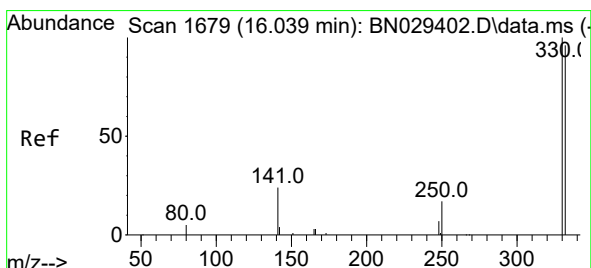
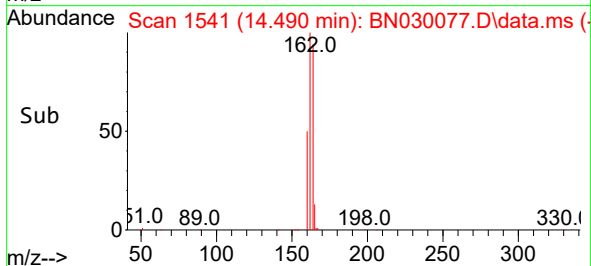
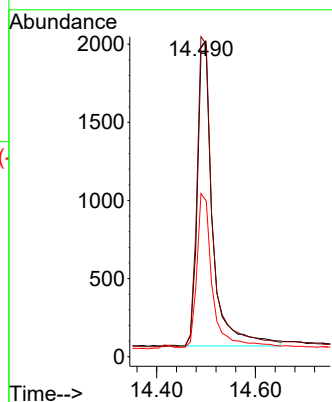
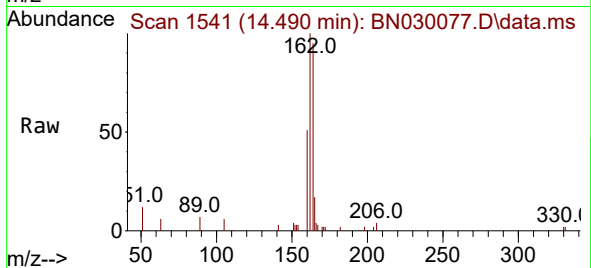
Tgt Ion:164 Resp: 4166

Ion Ratio Lower Upper

164 100

162 105.3 82.6 123.8

160 53.8 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.433 ng

RT: 16.002 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BN030077.D

Acq: 27 Feb 2024 03:50

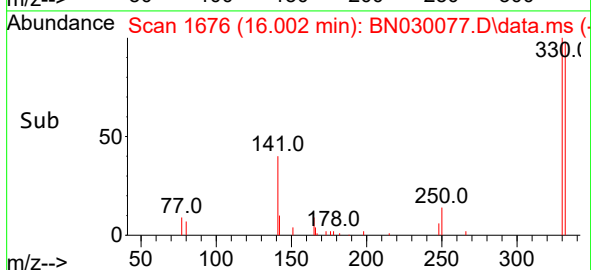
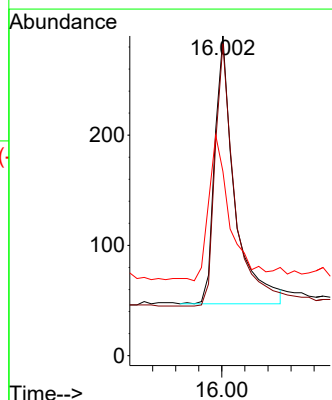
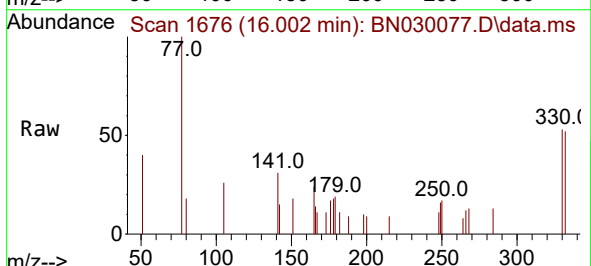
Tgt Ion:330 Resp: 579

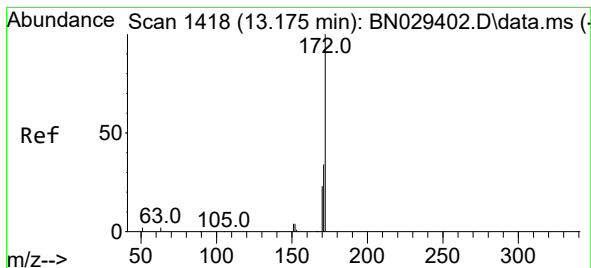
Ion Ratio Lower Upper

330 100

332 97.9 76.0 114.0

141 56.0 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.395 ng

RT: 13.121 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BN030077.D

Acq: 27 Feb 2024 03:50

Instrument :

BNA_N

ClientSampleId :

TT149S1-20240222

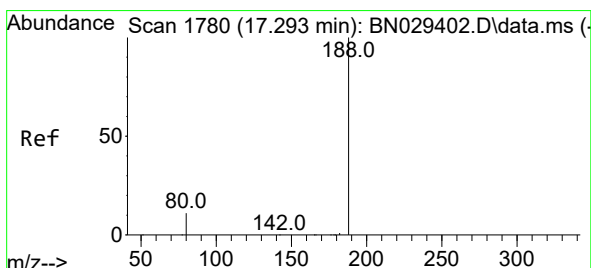
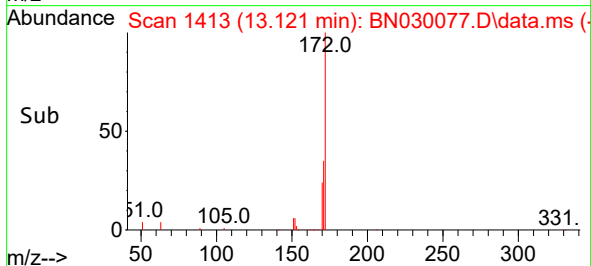
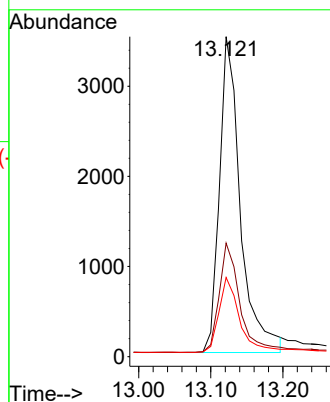
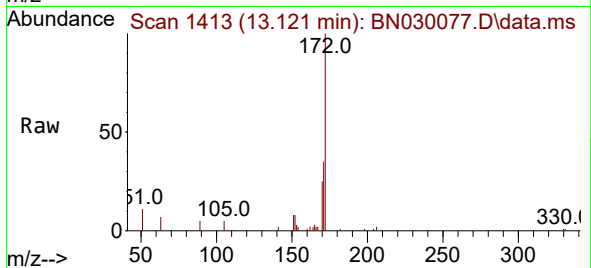
Tgt Ion:172 Resp: 7066

Ion Ratio Lower Upper

172 100

171 35.5 28.0 42.0

170 24.7 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.255 min Scan# 1777

Delta R.T. 0.000 min

Lab File: BN030077.D

Acq: 27 Feb 2024 03:50

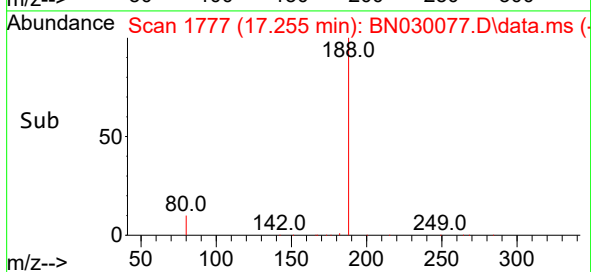
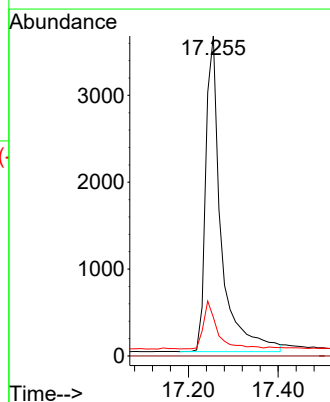
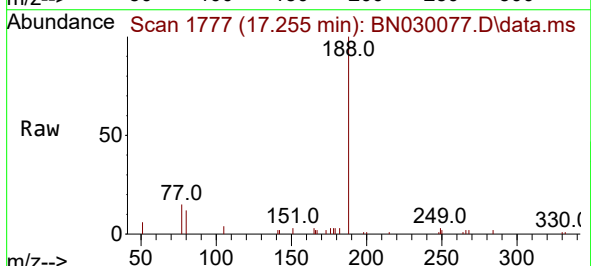
Tgt Ion:188 Resp: 8636

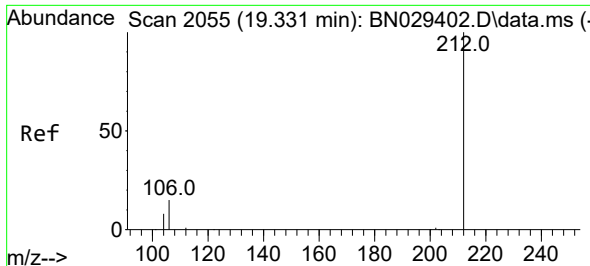
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.1 10.0 15.0

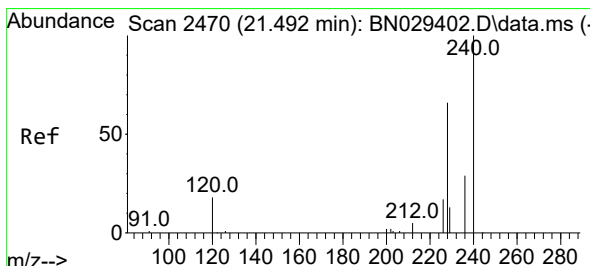
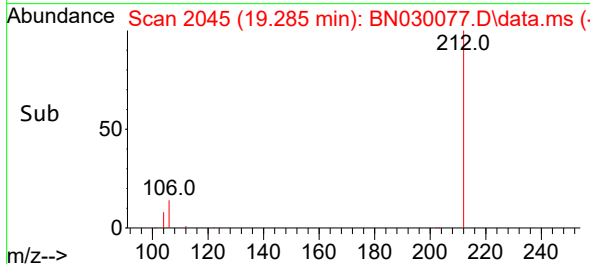
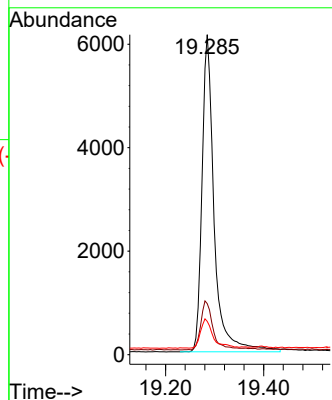
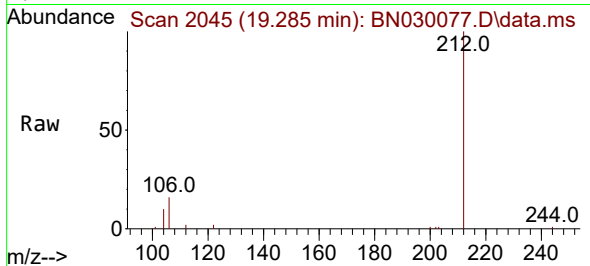




#27
Fluoranthene-d10
Concen: 0.504 ng
RT: 19.285 min Scan# 2055
Delta R.T. -0.004 min
Lab File: BN030077.D
Acq: 27 Feb 2024 03:50

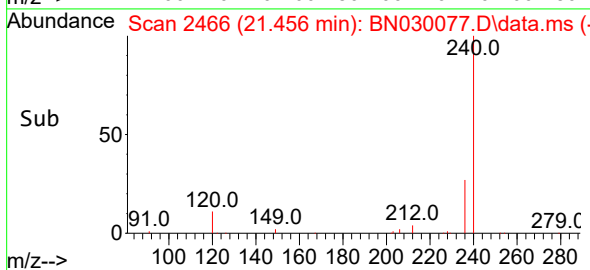
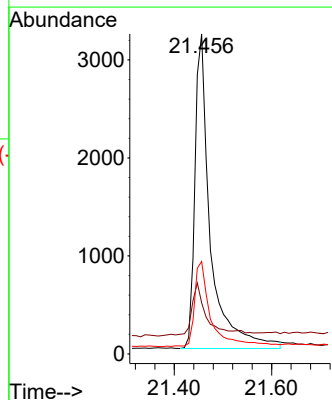
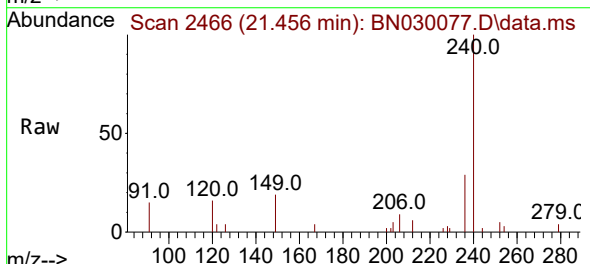
Instrument :
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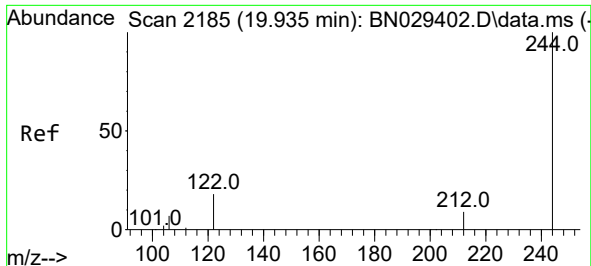
Tgt Ion:212 Resp: 10541
Ion Ratio Lower Upper
212 100
106 15.5 13.2 19.8
104 9.4 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN030077.D
Acq: 27 Feb 2024 03:50

Tgt Ion:240 Resp: 7073
Ion Ratio Lower Upper
240 100
120 16.0 16.7 25.1#
236 28.9 23.9 35.9

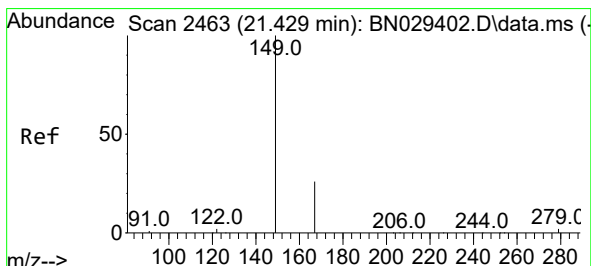
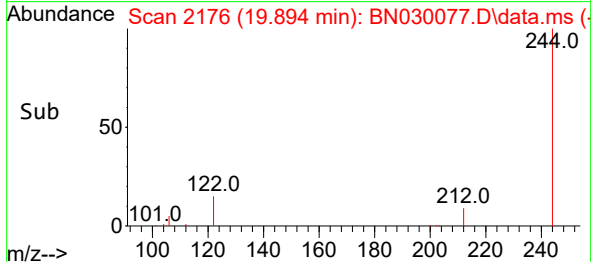
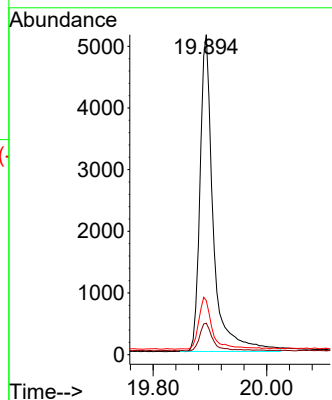
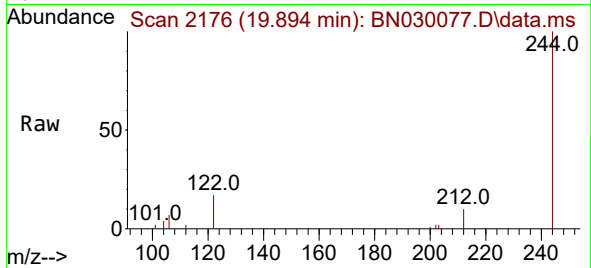




#31
 Terphenyl-d14
 Concen: 0.475 ng
 RT: 19.894 min Scan# 2185
 Delta R.T. -0.004 min
 Lab File: BN030077.D
 Acq: 27 Feb 2024 03:50

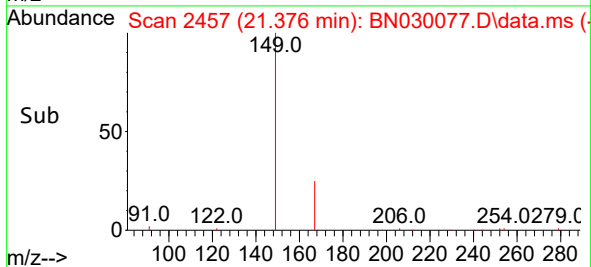
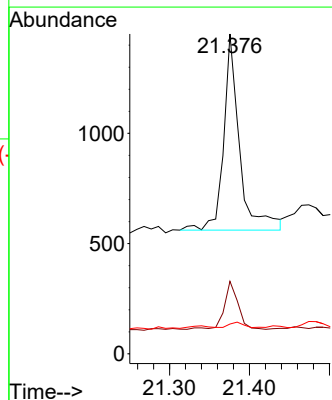
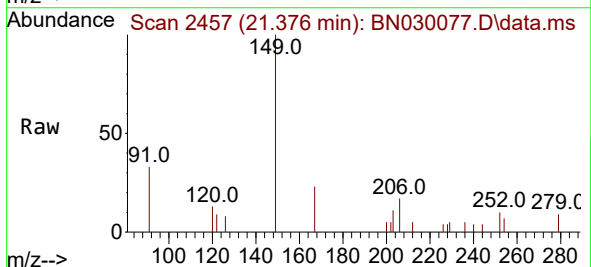
Instrument :
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 TT149S1-20240222

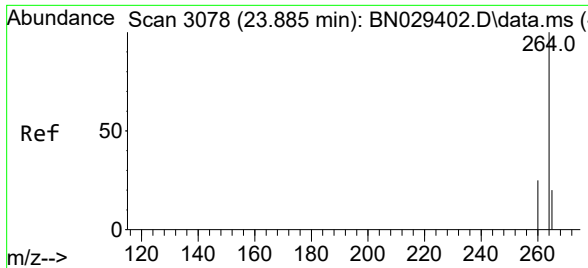
Tgt Ion:244 Resp: 8338
 Ion Ratio Lower Upper
 244 100
 212 9.8 8.2 12.4
 122 16.9 15.6 23.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.376 min Scan# 2457
 Delta R.T. -0.009 min
 Lab File: BN030077.D
 Acq: 27 Feb 2024 03:50

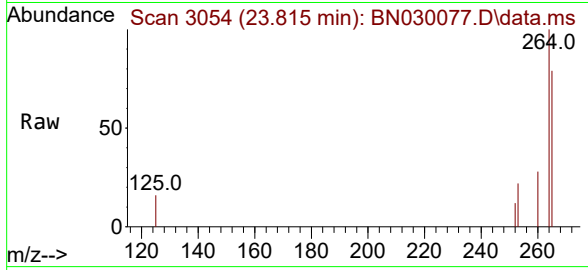
Tgt Ion:149 Resp: 1231
 Ion Ratio Lower Upper
 149 100
 167 21.3 20.1 30.1
 279 2.8 2.5 3.7





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.815 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN030077.D
Acq: 27 Feb 2024 03:50

Instrument :
BNA_N
ClientSampleId :
TT149S1-20240222



Tgt Ion:264 Resp: 6740

Ion	Ratio	Lower	Upper
264	100		
260	28.1	21.2	31.8
265	79.1	41.5	62.3

