

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030524\
 Data File : BN030277.D
 Acq On : 05 Mar 2024 18:48
 Operator : MA/JU
 Sample : SP6430
 Misc : 8270 SIM SURROGATE
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6430

Quant Time: Mar 06 01:32:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 17:44:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	1516	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	3669	0.400	ng	# 0.00
13) Acenaphthene-d10	14.458	164	1893	0.400	ng	0.00
19) Phenanthrene-d10	17.231	188	3404	0.400	ng	0.01
29) Chrysene-d12	21.447	240	2717	0.400	ng	0.00
35) Perylene-d12	23.800	264	3203	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1359	0.341	ng	0.00
5) Phenol-d6	6.988	99	1208	0.289	ng	0.00
8) Nitrobenzene-d5	8.982	82	1106	0.330	ng	0.01
11) 2-Methylnaphthalene-d10	12.212	152	1920	0.361	ng	0.00
14) 2,4,6-Tribromophenol	15.977	330	253	0.260	ng	0.01
15) 2-Fluorobiphenyl	13.089	172	2476	0.315	ng	0.00
27) Fluoranthene-d10	19.266	212	3286	0.352	ng	0.00
31) Terphenyl-d14	19.879	244	2474	0.351	ng	0.00

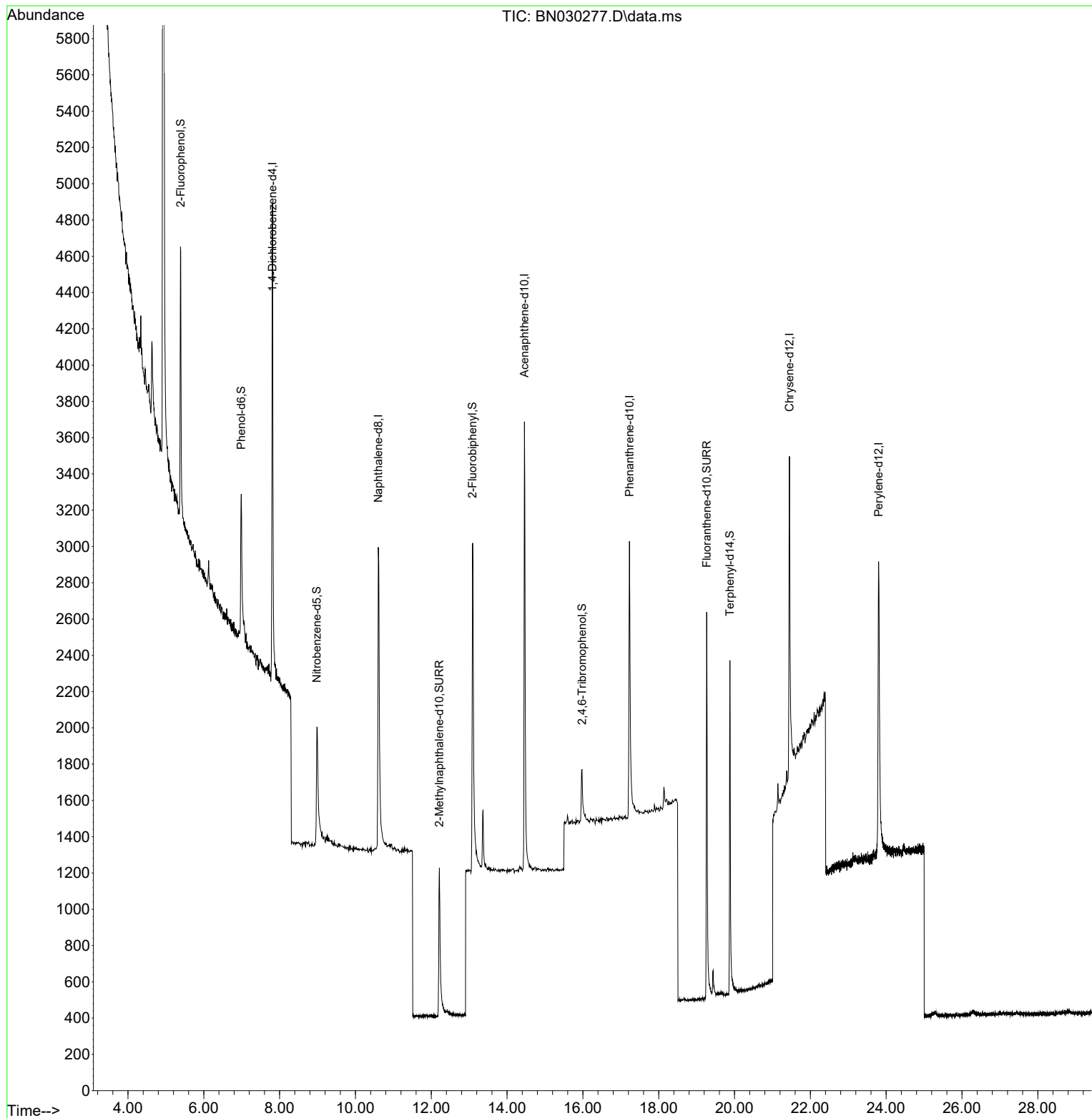
Target Compounds Qvalue

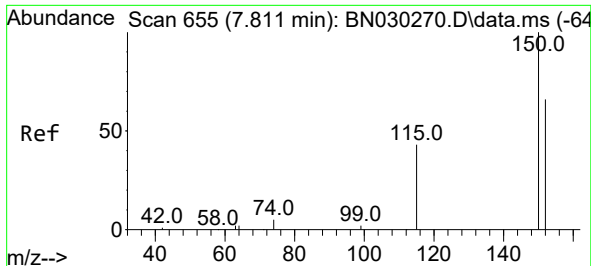
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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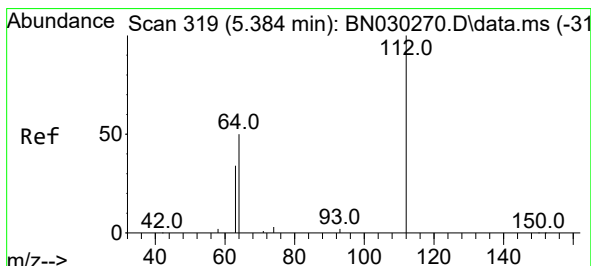
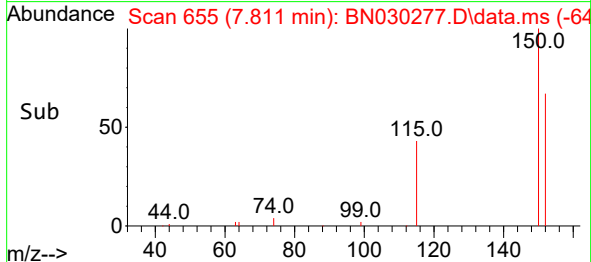
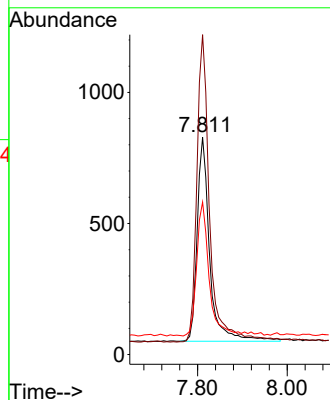
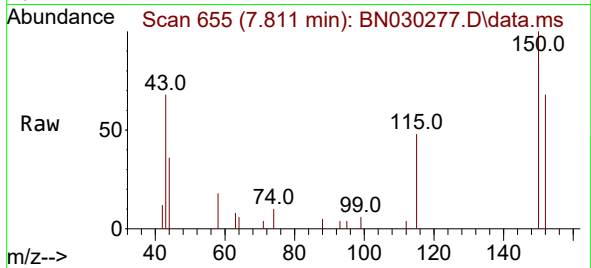




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN030277.D
Acq: 05 Mar 2024 18:48

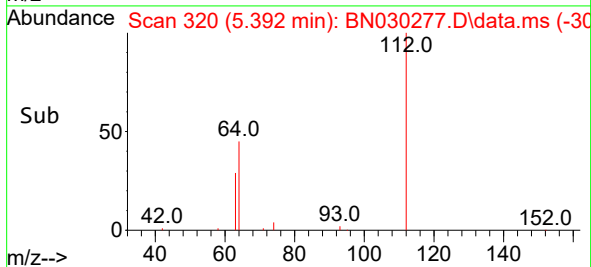
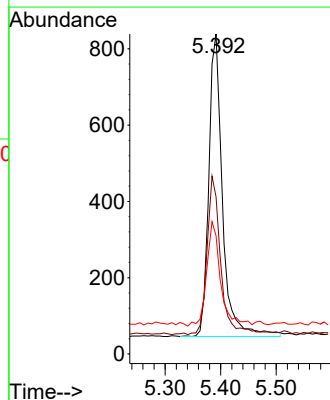
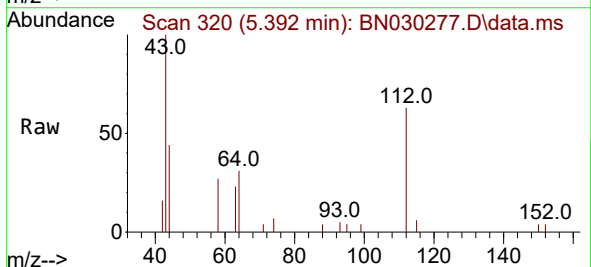
Instrument :
BNA_N
ClientSampleId :
SP6430

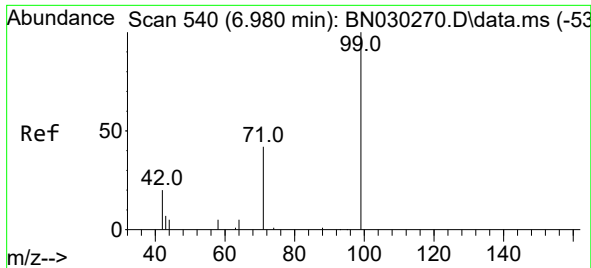
Tgt Ion:152 Resp: 1516
Ion Ratio Lower Upper
152 100
150 147.2 119.4 179.0
115 70.2 56.9 85.3



#4
2-Fluorophenol
Concen: 0.341 ng
RT: 5.392 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN030277.D
Acq: 05 Mar 2024 18:48

Tgt Ion:112 Resp: 1359
Ion Ratio Lower Upper
112 100
64 52.8 41.8 62.8
63 35.2 27.1 40.7

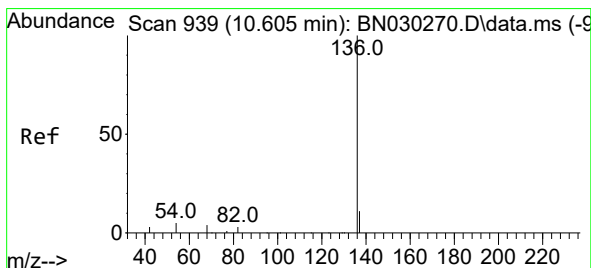
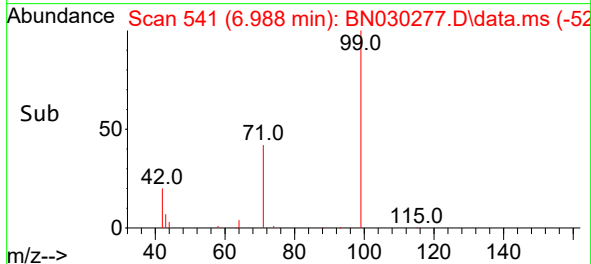
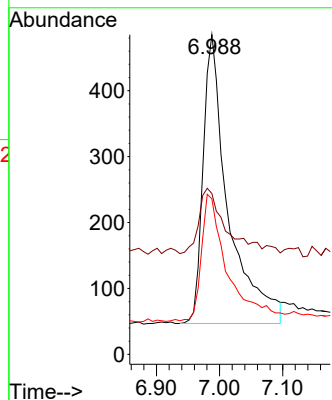
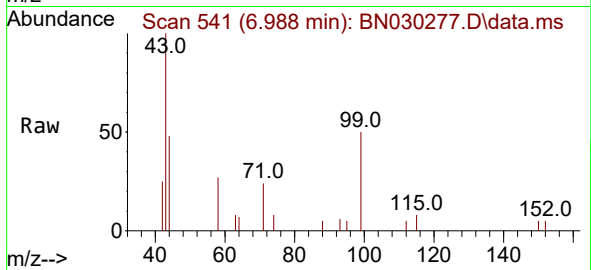




#5
Phenol-d6
Concen: 0.289 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN030277.D
Acq: 05 Mar 2024 18:48

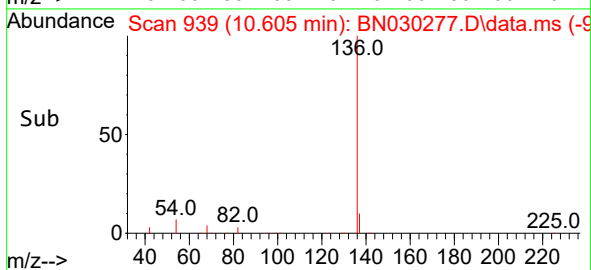
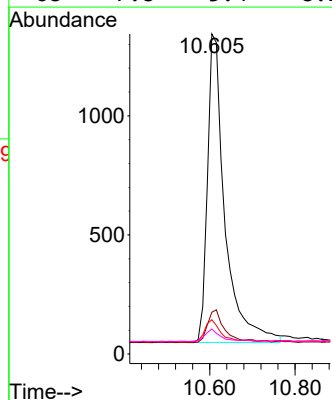
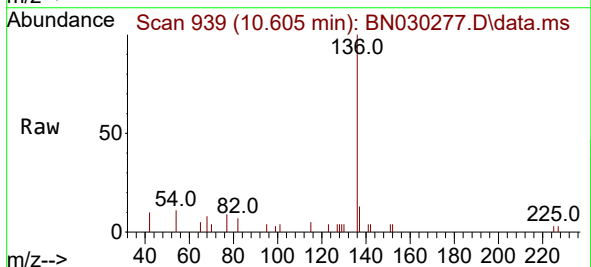
Instrument :
BNA_N
ClientSampleId :
SP6430

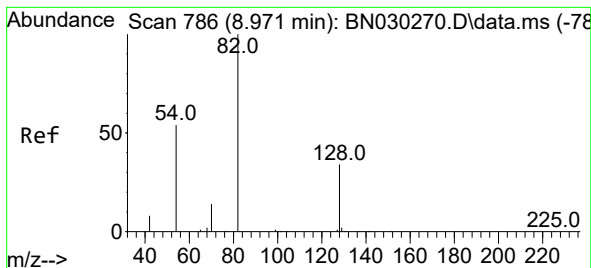
Tgt Ion: 99 Resp: 1208
Ion Ratio Lower Upper
99 100
42 24.6 19.0 28.6
71 46.4 36.0 54.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.000 min
Lab File: BN030277.D
Acq: 05 Mar 2024 18:48

Tgt Ion: 136 Resp: 3669
Ion Ratio Lower Upper
136 100
137 13.1 10.5 15.7
54 10.7 6.4 9.6#
68 7.8 5.4 8.2





#8

Nitrobenzene-d5

Concen: 0.330 ng

RT: 8.982 min Scan# 71

Delta R.T. 0.011 min

Lab File: BN030277.D

Acq: 05 Mar 2024 18:48

Instrument :

BNA_N

ClientSampleId :

SP6430

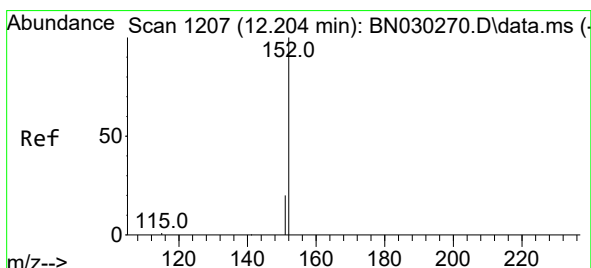
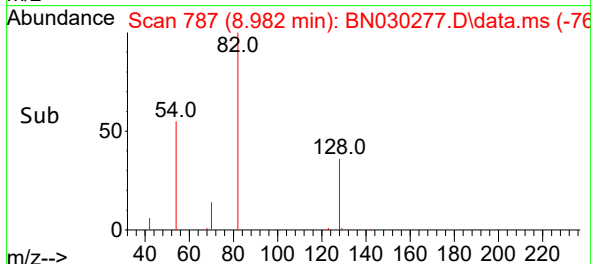
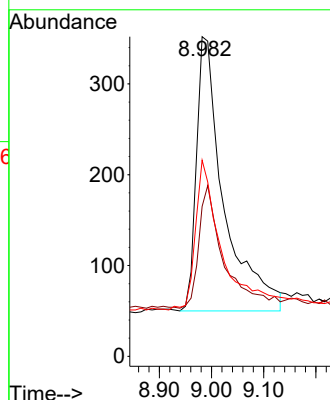
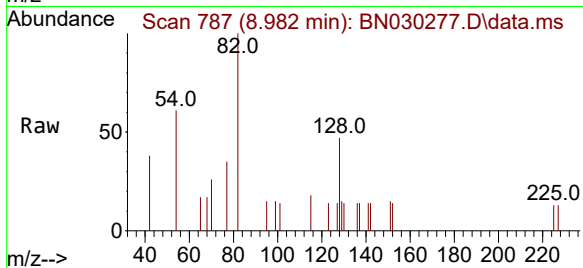
Tgt Ion: 82 Resp: 1106

Ion Ratio Lower Upper

82 100

128 46.9 32.2 48.2

54 61.4 47.3 70.9



#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

RT: 12.212 min Scan# 1209

Delta R.T. 0.008 min

Lab File: BN030277.D

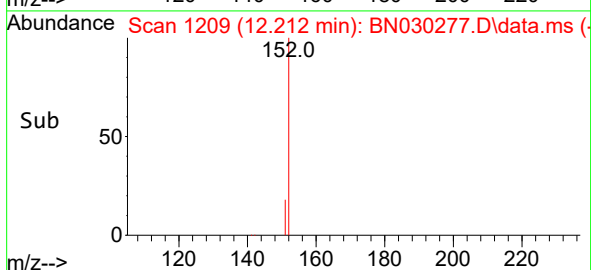
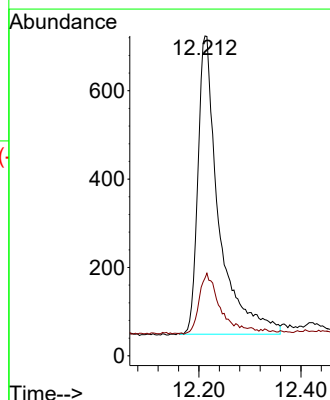
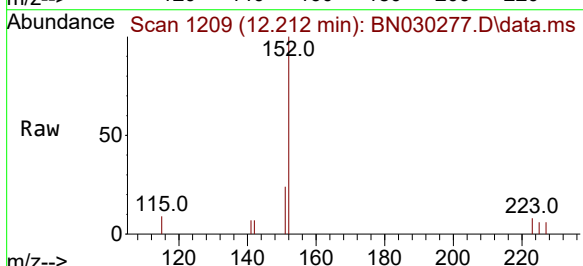
Acq: 05 Mar 2024 18:48

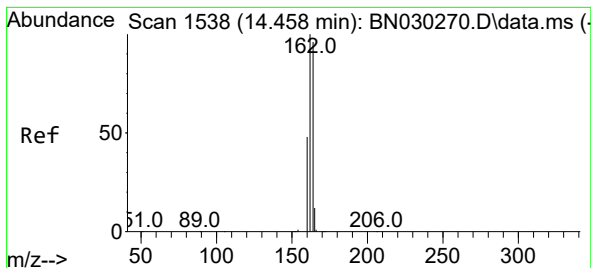
Tgt Ion: 152 Resp: 1920

Ion Ratio Lower Upper

152 100

151 20.3 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN030277.D

Acq: 05 Mar 2024 18:48

Instrument :

BNA_N

ClientSampleId :

SP6430

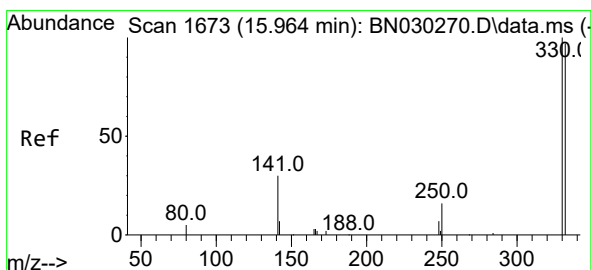
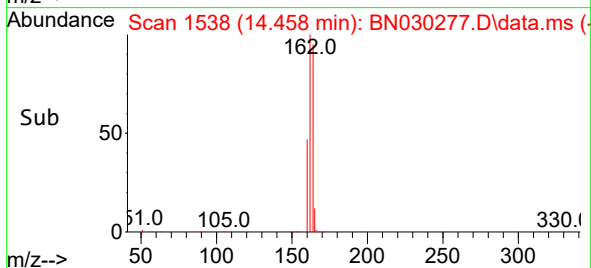
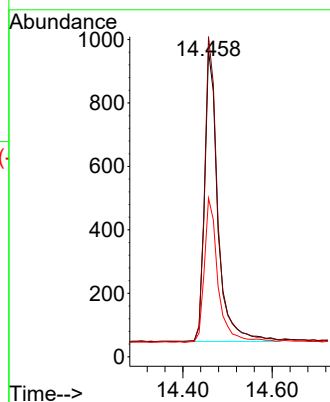
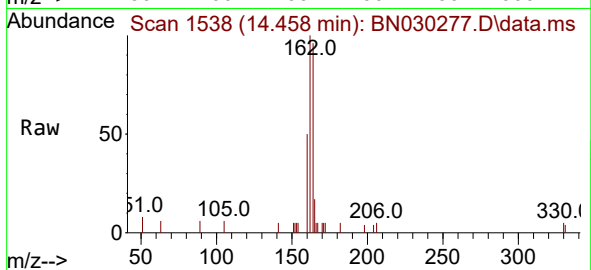
Tgt Ion:164 Resp: 1893

Ion Ratio Lower Upper

164 100

162 104.7 83.4 125.2

160 51.9 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.260 ng

RT: 15.977 min Scan# 1674

Delta R.T. 0.012 min

Lab File: BN030277.D

Acq: 05 Mar 2024 18:48

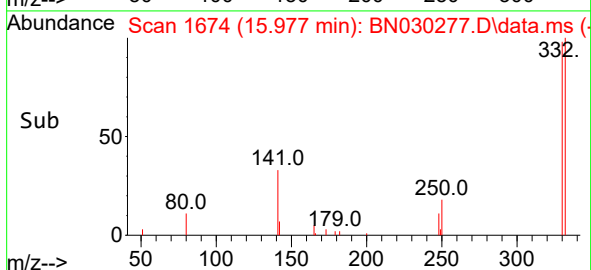
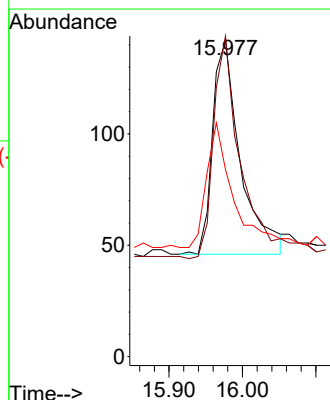
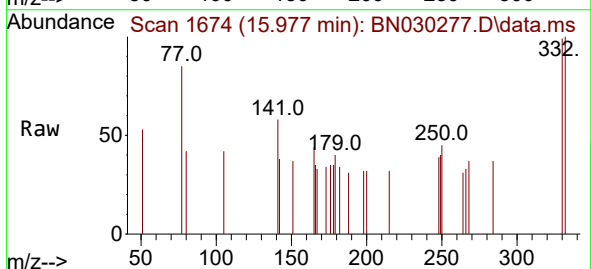
Tgt Ion:330 Resp: 253

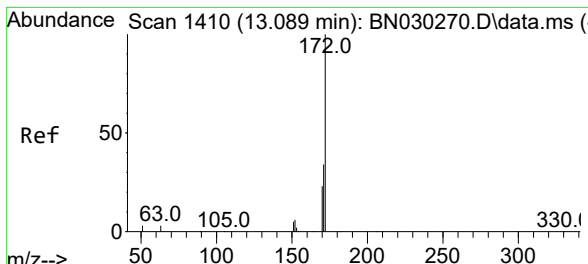
Ion Ratio Lower Upper

330 100

332 102.0 72.6 108.8

141 55.7 41.3 61.9

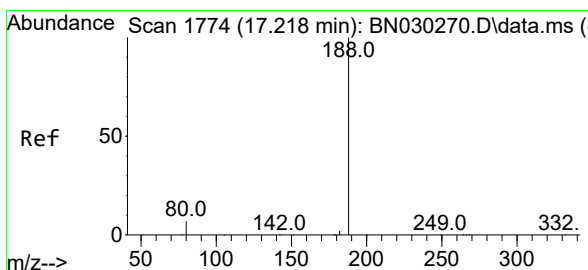
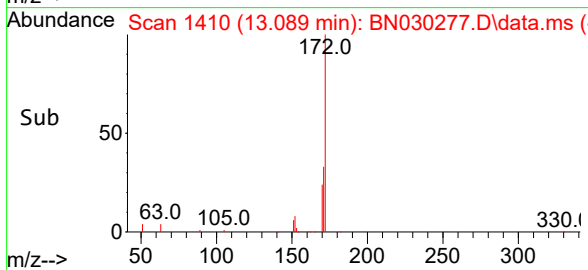
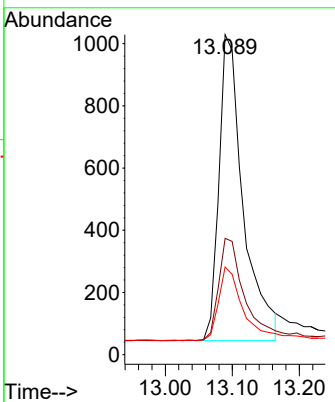
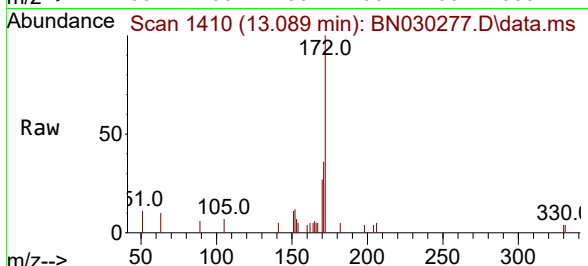




#15
 2-Fluorobiphenyl
 Concen: 0.315 ng
 RT: 13.089 min Scan# 1410
 Delta R.T. -0.000 min
 Lab File: BN030277.D
 Acq: 05 Mar 2024 18:48

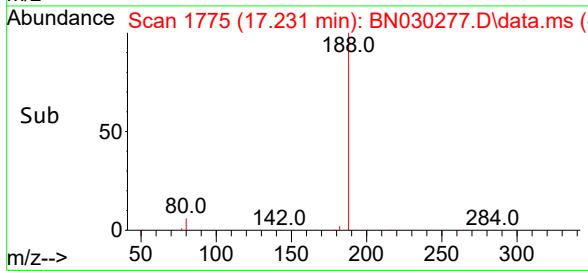
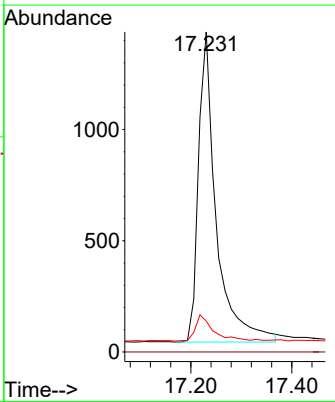
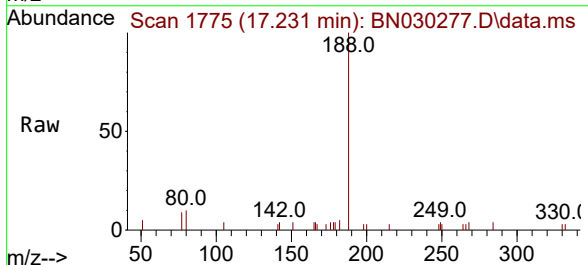
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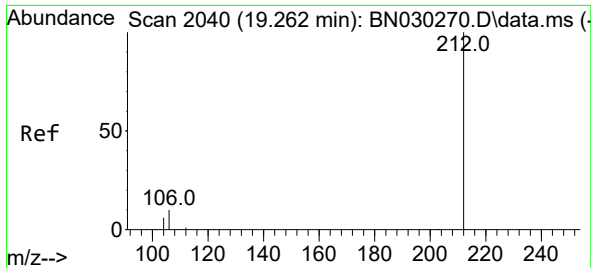
Tgt Ion:	172	Resp:	2476
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	27.4	20.2	30.2



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.231 min Scan# 1775
 Delta R.T. 0.012 min
 Lab File: BN030277.D
 Acq: 05 Mar 2024 18:48

Tgt Ion:	188	Resp:	3404
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	7.8	11.6

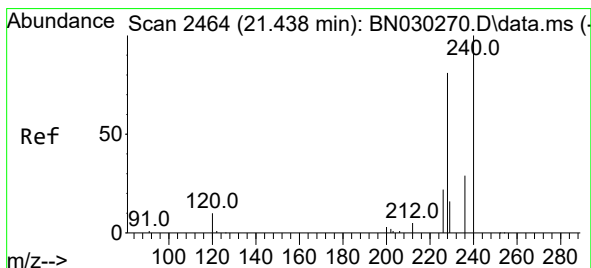
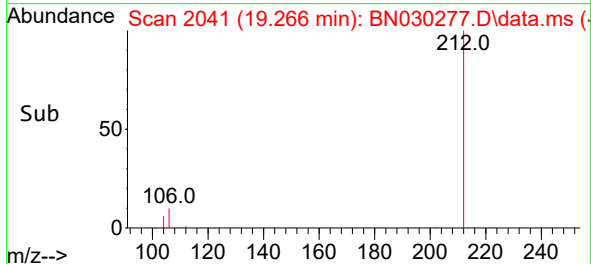
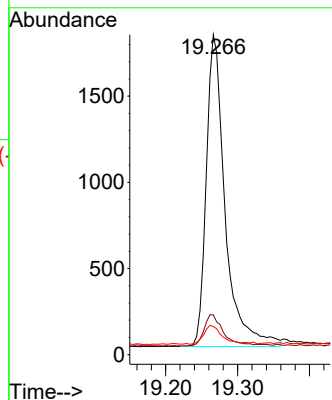
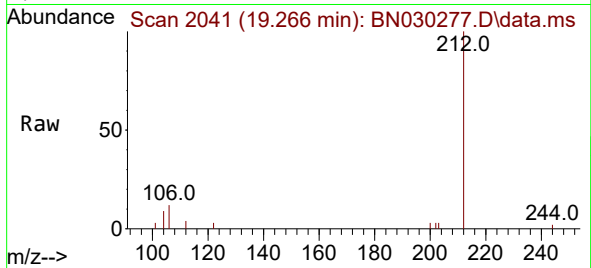




#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.266 min Scan# 2041
Delta R.T. 0.005 min
Lab File: BN030277.D
Acq: 05 Mar 2024 18:48

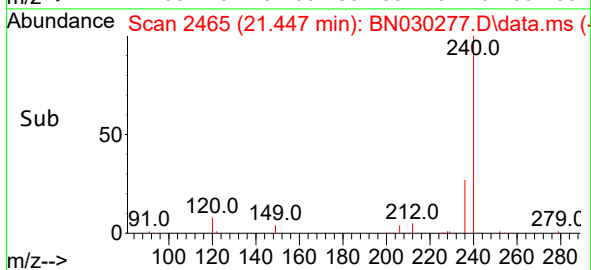
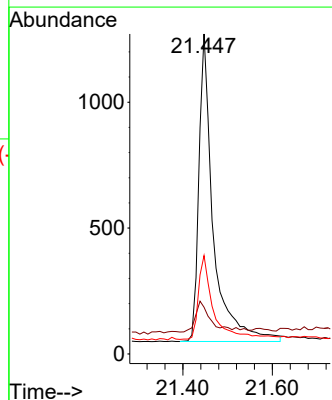
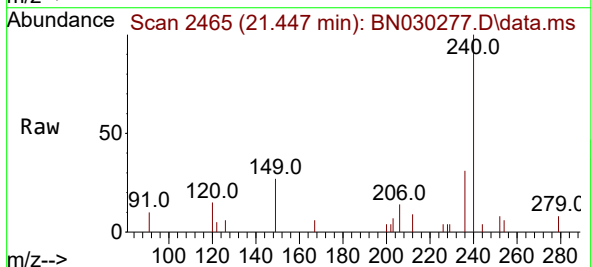
Instrument :
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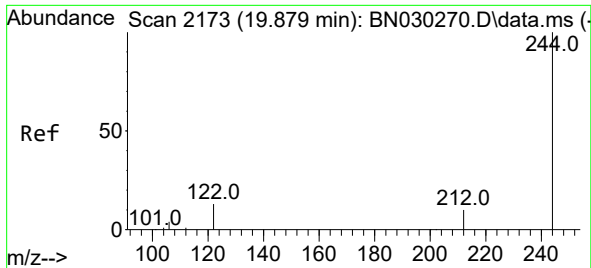
Tgt Ion:212 Resp: 3286
Ion Ratio Lower Upper
212 100
106 10.1 8.2 12.4
104 5.7 4.7 7.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.447 min Scan# 2465
Delta R.T. 0.009 min
Lab File: BN030277.D
Acq: 05 Mar 2024 18:48

Tgt Ion:240 Resp: 2717
Ion Ratio Lower Upper
240 100
120 14.6 12.2 18.2
236 30.8 25.2 37.8

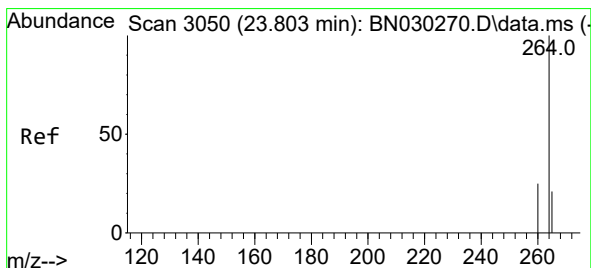
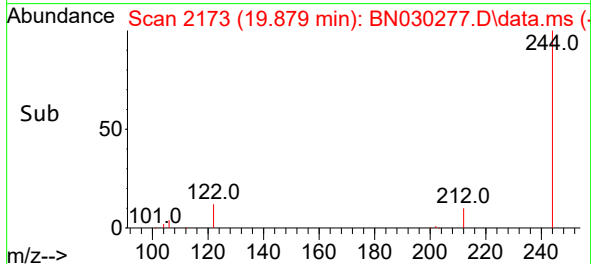
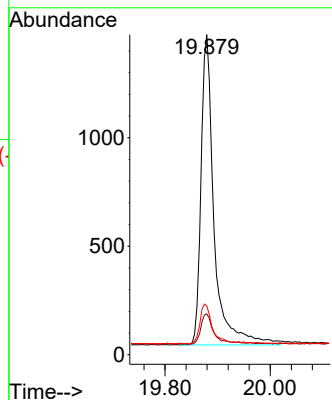
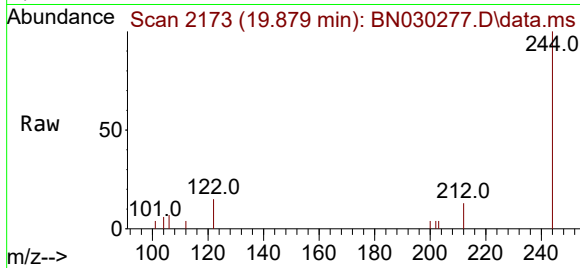




#31
Terphenyl-d14
Concen: 0.351 ng
RT: 19.879 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BN030277.D
Acq: 05 Mar 2024 18:48

Instrument :
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ClientSampleId :
SP6430

Tgt Ion:244 Resp: 2474
Ion Ratio Lower Upper
244 100
212 12.7 9.5 14.3
122 15.3 11.8 17.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.800 min Scan# 3049
Delta R.T. -0.003 min
Lab File: BN030277.D
Acq: 05 Mar 2024 18:48

Tgt Ion:264 Resp: 3203
Ion Ratio Lower Upper
264 100
260 27.9 21.7 32.5
265 73.7 50.8 76.2

