

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030016.D
 Acq On : 25 Feb 2024 06:31
 Operator : MA/JU
 Sample : P1532-05
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20240216

Quant Time: Feb 26 02:48:32 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)

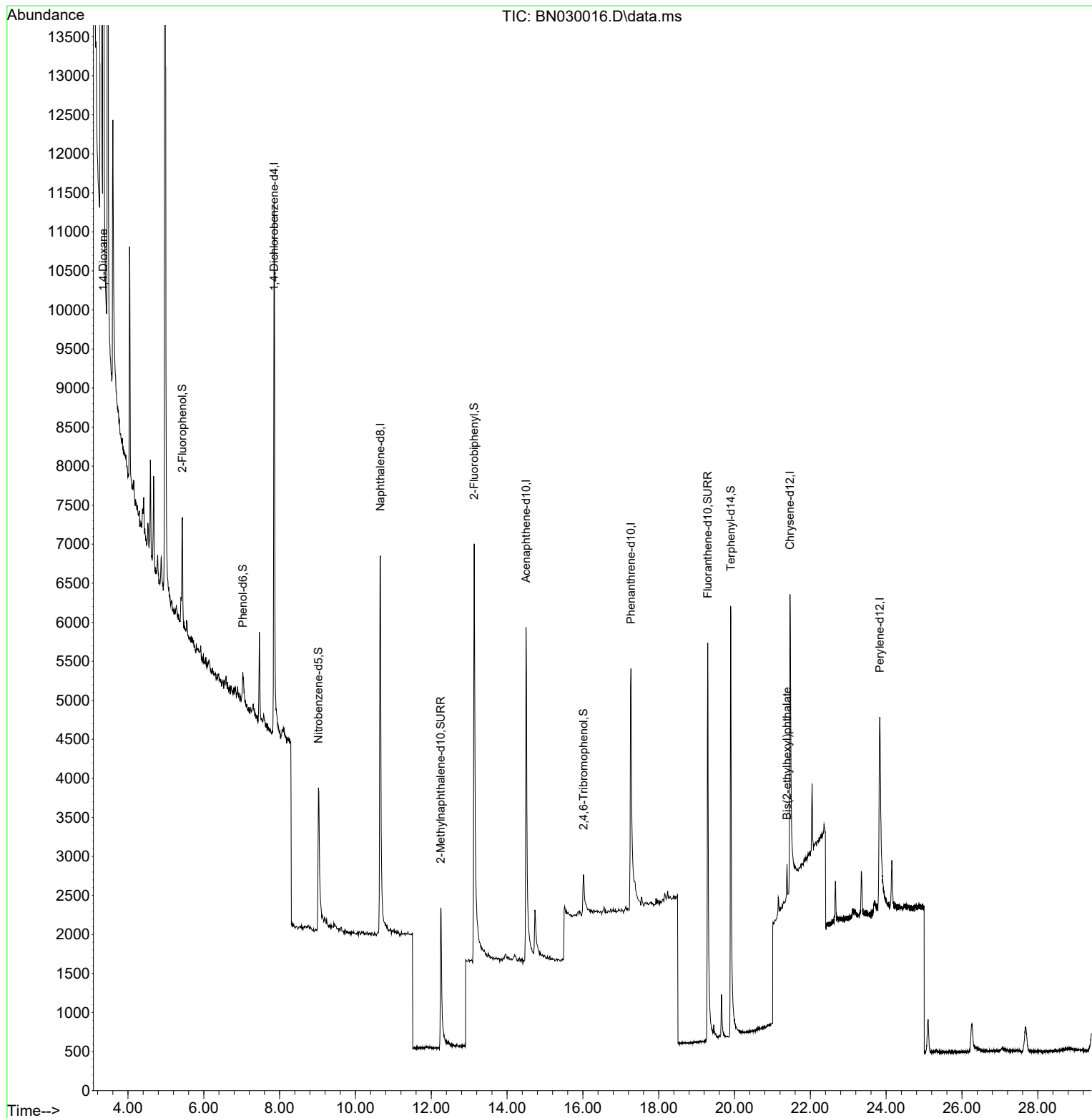
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3656	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9253	0.400	ng	0.01
13) Acenaphthene-d10	14.500	164	4035	0.400	ng	0.01
19) Phenanthrene-d10	17.268	188	8653	0.400	ng	0.01
29) Chrysene-d12	21.465	240	6564	0.400	ng	0.00
35) Perylene-d12	23.832	264	6185	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1190	0.135	ng	0.00
5) Phenol-d6	7.031	99	609	0.060	ng	0.00
8) Nitrobenzene-d5	9.025	82	2891	0.375	ng	0.01
11) 2-Methylnaphthalene-d10	12.253	152	4077	0.324	ng	0.00
14) 2,4,6-Tribromophenol	16.014	330	534	0.412	ng	0.01
15) 2-Fluorobiphenyl	13.132	172	7486	0.432	ng	0.01
27) Fluoranthene-d10	19.294	212	8796	0.420	ng	0.00
31) Terphenyl-d14	19.903	244	8721	0.535	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	16865	3.277	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.384	149	549	0.036	ng	# 95

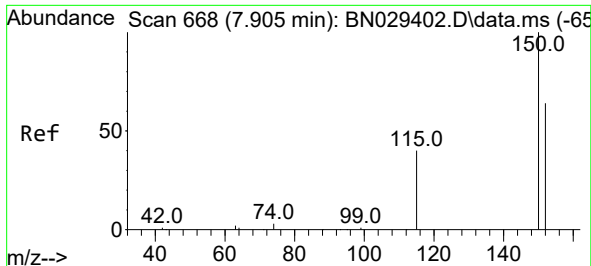
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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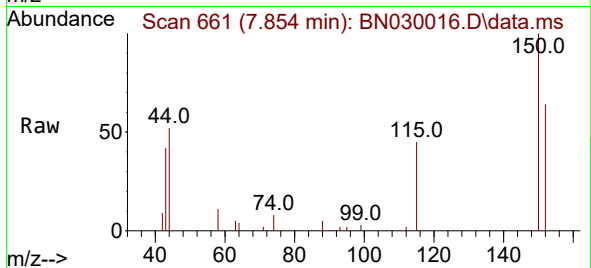
Quant Time: Feb 26 02:48:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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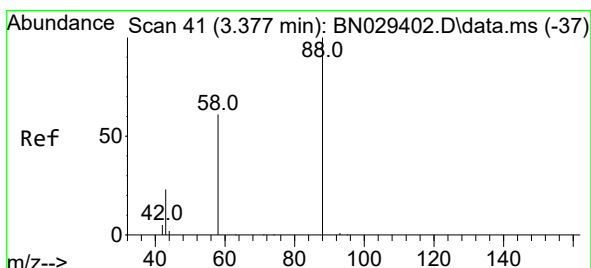
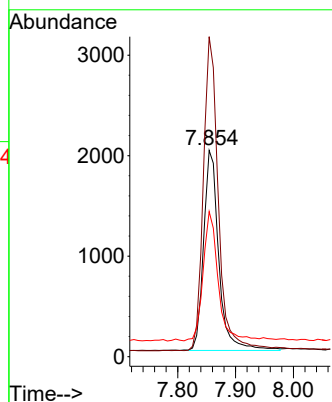
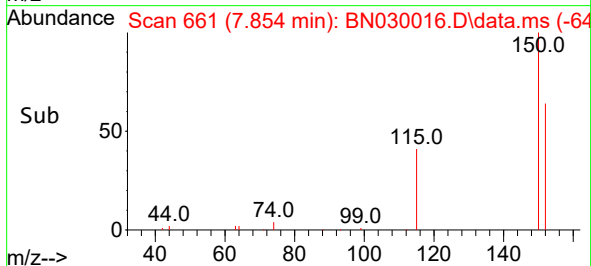


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN030016.D
 Acq: 25 Feb 2024 06:31

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20240216

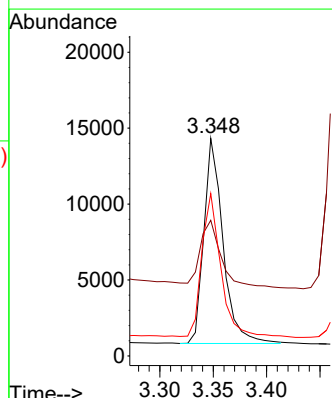
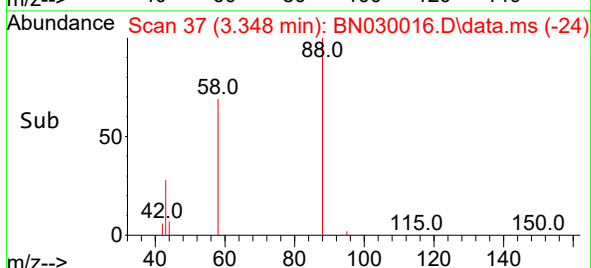
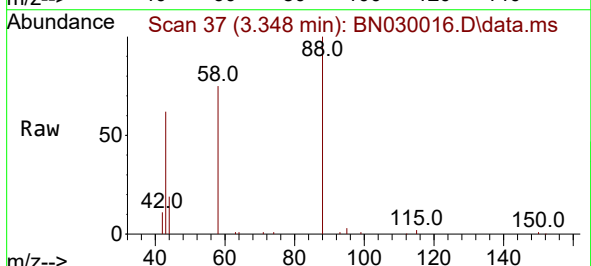


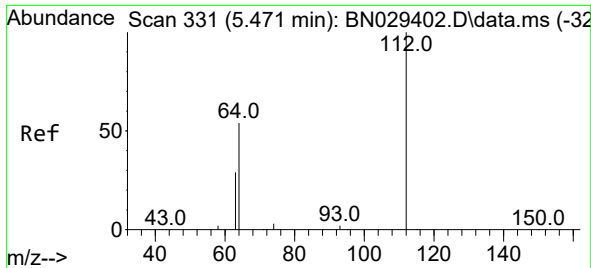
Tgt Ion:152 Resp: 3656
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.0 184.4
 115 70.3 51.4 77.0



#2
 1,4-Dioxane
 Concen: 3.277 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN030016.D
 Acq: 25 Feb 2024 06:31

Tgt Ion: 88 Resp: 16865
 Ion Ratio Lower Upper
 88 100
 43 36.5 23.3 34.9#
 58 68.5 53.8 80.6

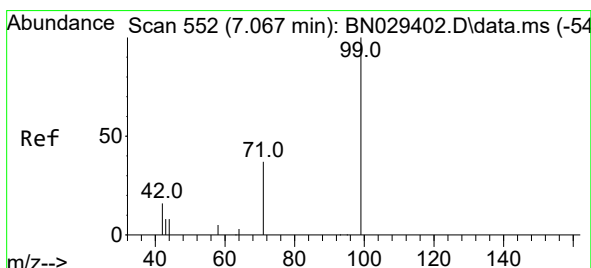
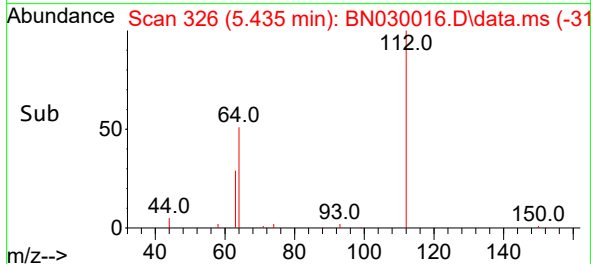
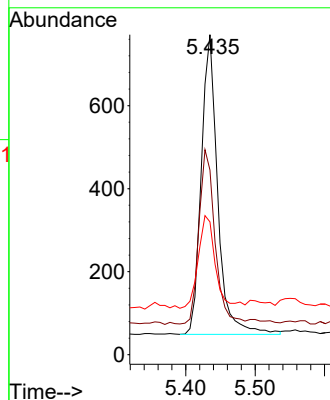
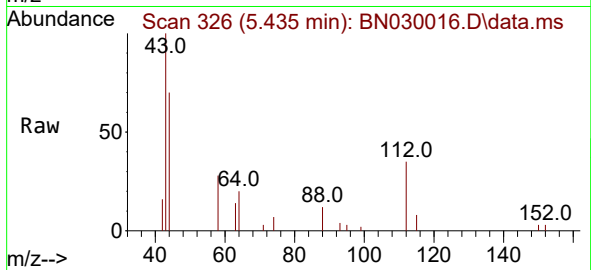




#4
2-Fluorophenol
Concen: 0.135 ng
RT: 5.435 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN030016.D
Acq: 25 Feb 2024 06:31

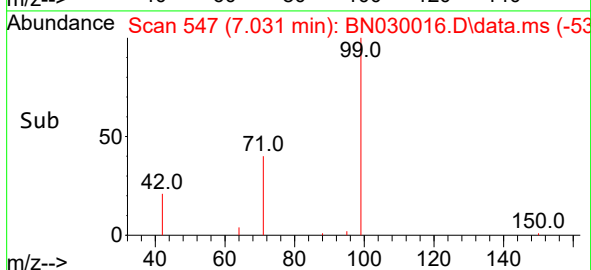
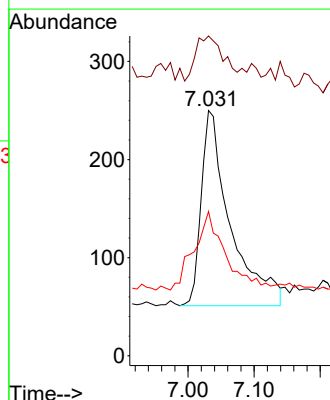
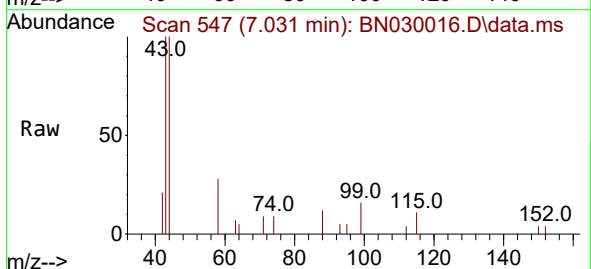
Instrument :
BNA_N
ClientSampleId :
RE104D1-20240216

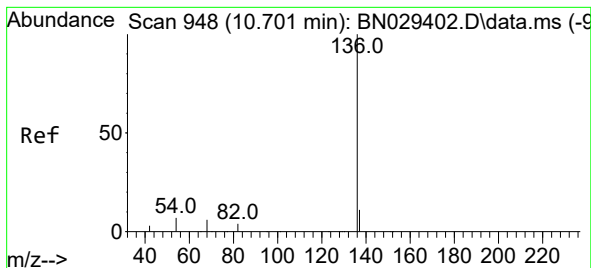
Tgt Ion:112 Resp: 1190
Ion Ratio Lower Upper
112 100
64 56.5 47.2 70.8
63 31.3 25.8 38.6



#5
Phenol-d6
Concen: 0.060 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN030016.D
Acq: 25 Feb 2024 06:31

Tgt Ion: 99 Resp: 609
Ion Ratio Lower Upper
99 100
42 21.7 16.9 25.3
71 43.7 30.0 45.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.658 min Scan# 94

Delta R.T. 0.011 min

Lab File: BN030016.D

Acq: 25 Feb 2024 06:31

Instrument :

BNA_N

ClientSampleId :

RE104D1-20240216

Tgt Ion:136 Resp: 9253

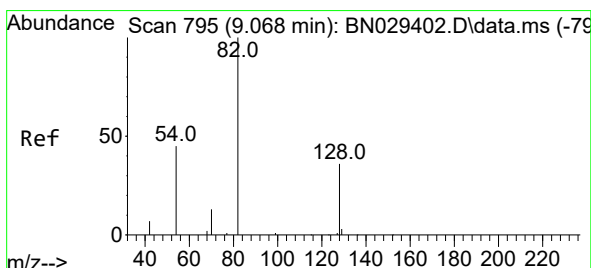
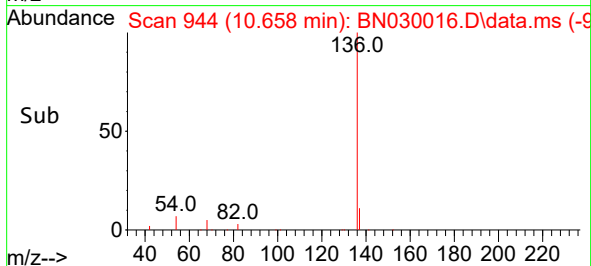
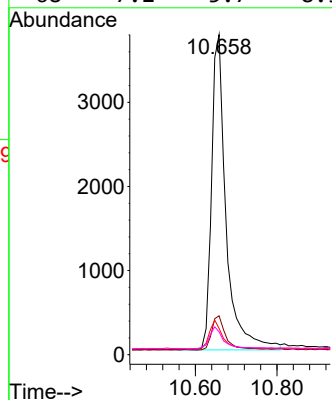
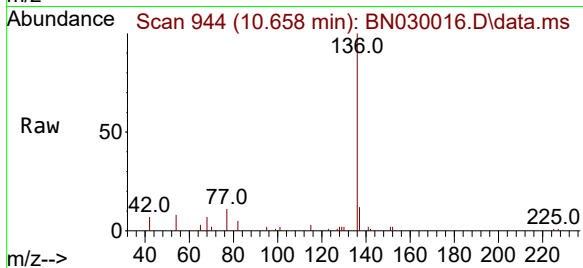
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 8.2 6.6 10.0

68 7.2 5.7 8.5



#8

Nitrobenzene-d5

Concen: 0.375 ng

RT: 9.025 min Scan# 791

Delta R.T. 0.011 min

Lab File: BN030016.D

Acq: 25 Feb 2024 06:31

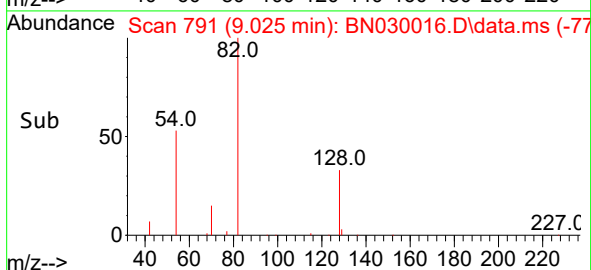
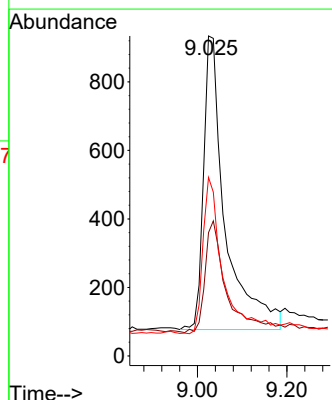
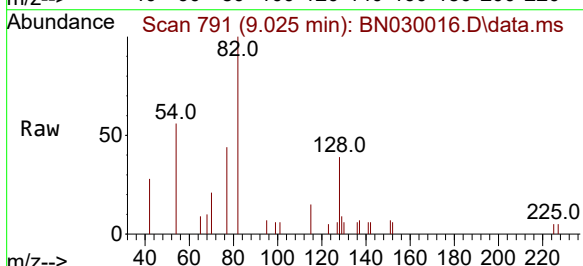
Tgt Ion: 82 Resp: 2891

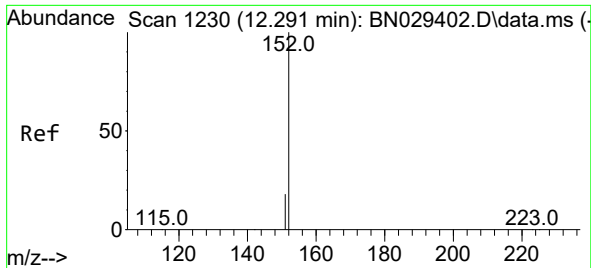
Ion Ratio Lower Upper

82 100

128 38.5 31.6 47.4

54 55.8 38.2 57.4

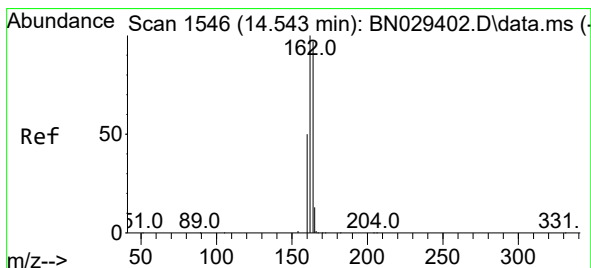
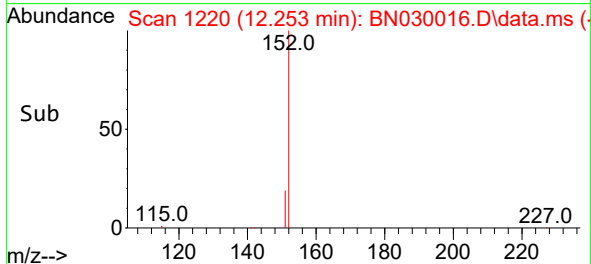
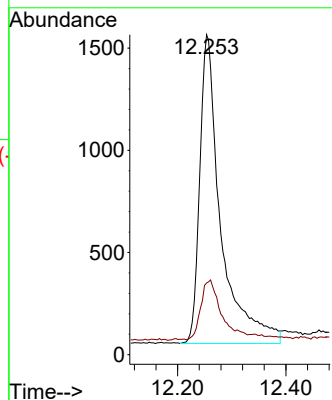
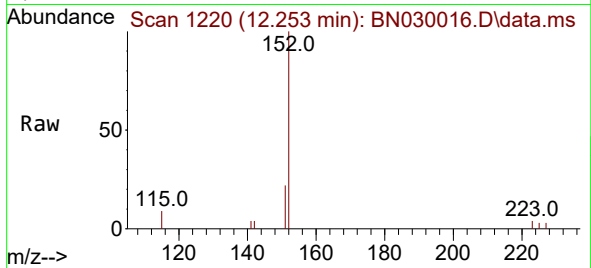




#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 12.253 min Scan# 11
Delta R.T. 0.008 min
Lab File: BN030016.D
Acq: 25 Feb 2024 06:31

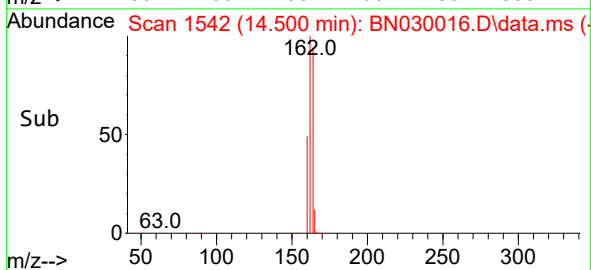
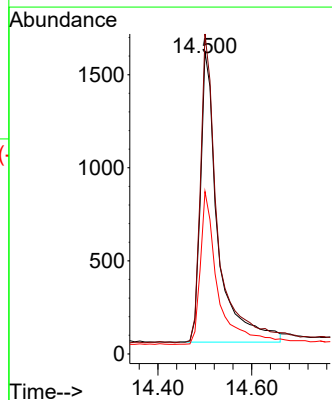
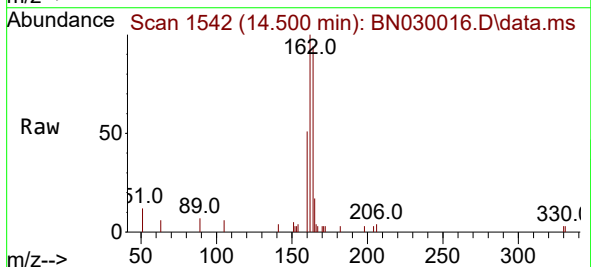
Instrument :
BNA_N
ClientSampleId :
RE104D1-20240216

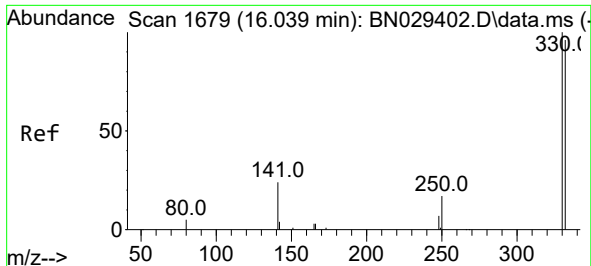
Tgt Ion:152 Resp: 4077
Ion Ratio Lower Upper
152 100
151 19.0 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN030016.D
Acq: 25 Feb 2024 06:31

Tgt Ion:164 Resp: 4035
Ion Ratio Lower Upper
164 100
162 105.8 82.6 123.8
160 53.7 41.5 62.3

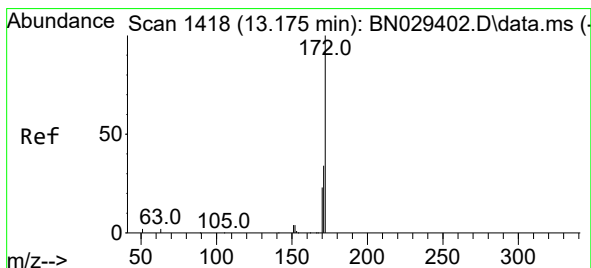
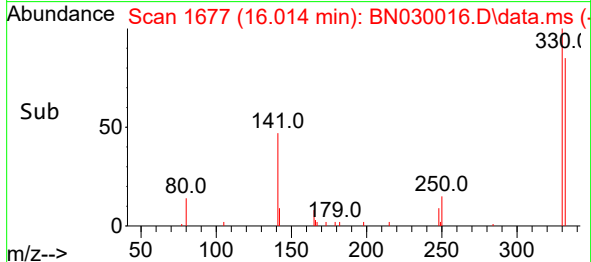
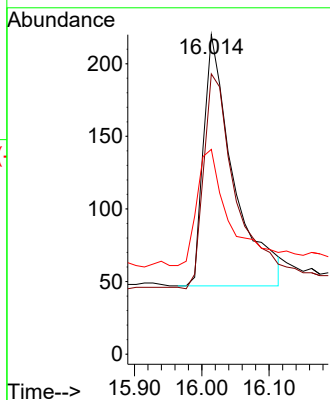
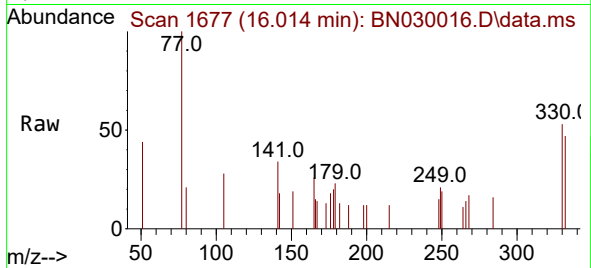




#14
2,4,6-Tribromophenol
Concen: 0.412 ng
RT: 16.014 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN030016.D
Acq: 25 Feb 2024 06:31

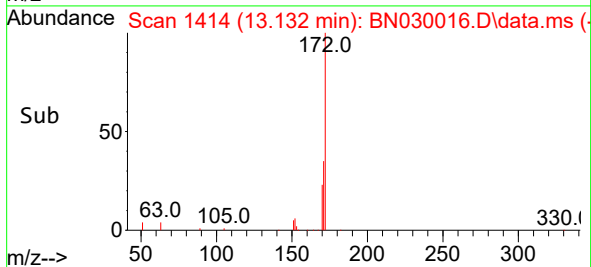
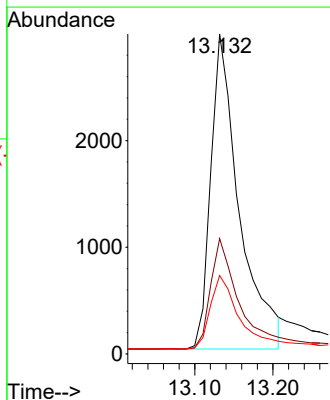
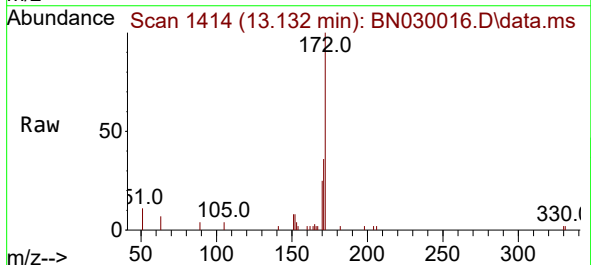
Instrument :
BNA_N
ClientSampleId :
RE104D1-20240216

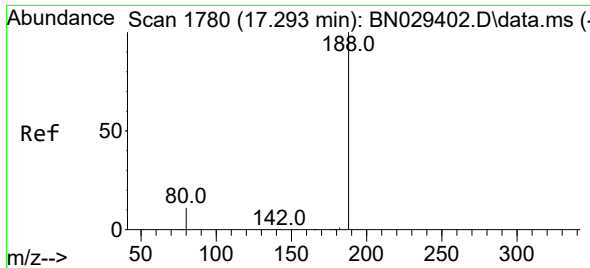
Tgt Ion:330 Resp: 534
Ion Ratio Lower Upper
330 100
332 92.3 76.0 114.0
141 50.6 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BN030016.D
Acq: 25 Feb 2024 06:31

Tgt Ion:172 Resp: 7486
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 24.5 18.7 28.1

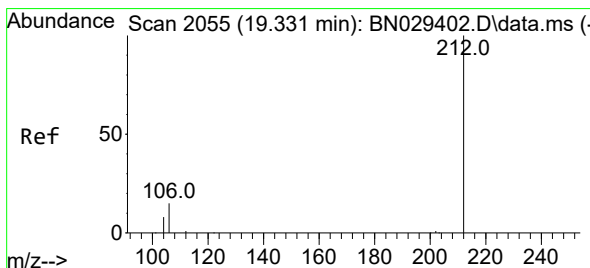
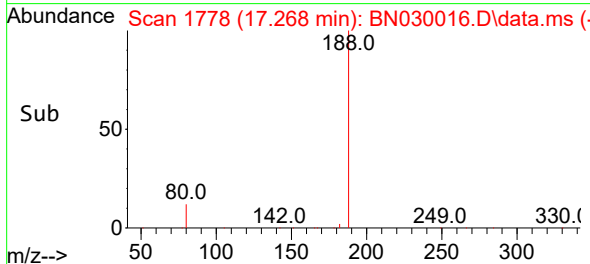
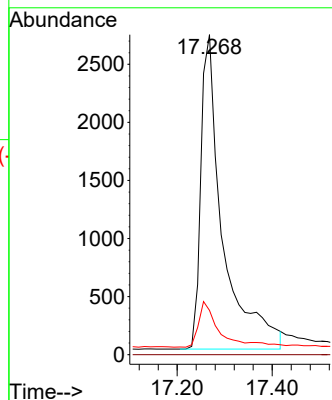
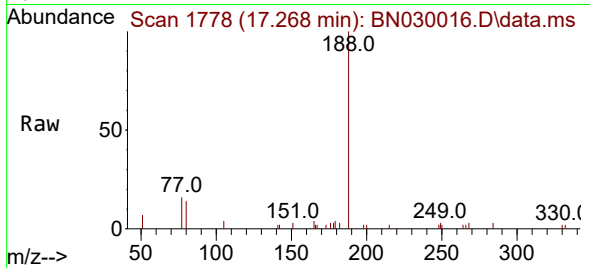




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.268 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN030016.D
Acq: 25 Feb 2024 06:31

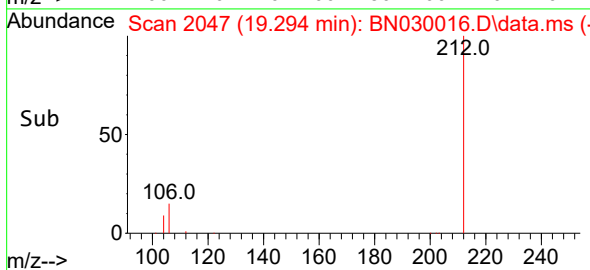
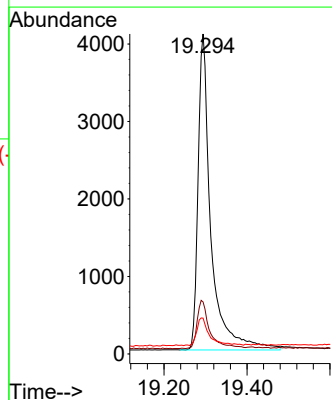
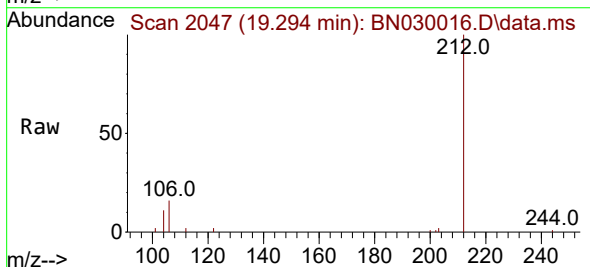
Instrument :
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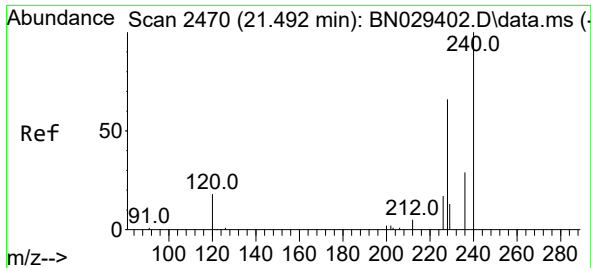
Tgt Ion:188 Resp: 8653
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 10.0 15.0



#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.294 min Scan# 2047
Delta R.T. 0.005 min
Lab File: BN030016.D
Acq: 25 Feb 2024 06:31

Tgt Ion:212 Resp: 8796
Ion Ratio Lower Upper
212 100
106 14.9 13.2 19.8
104 8.5 7.7 11.5

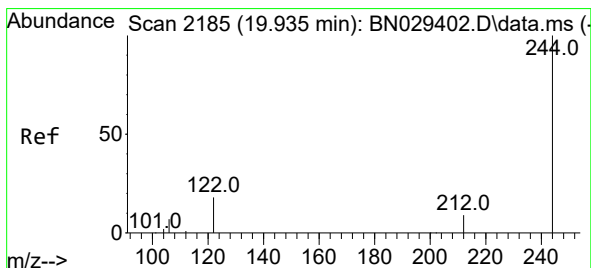
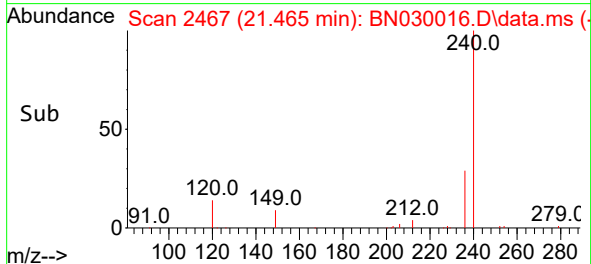
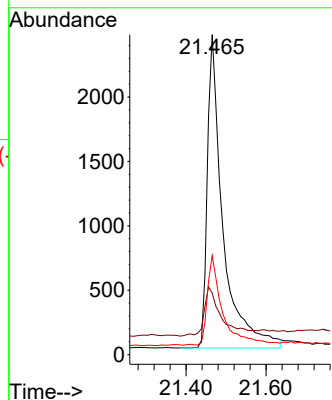
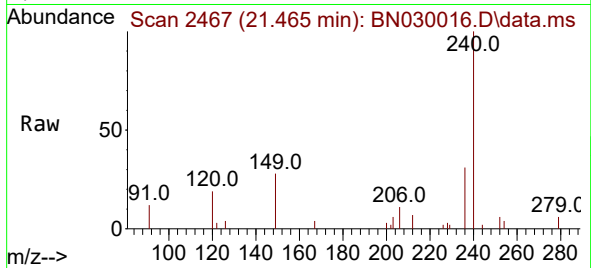




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.465 min Scan# 2467
Delta R.T. 0.009 min
Lab File: BN030016.D
Acq: 25 Feb 2024 06:31

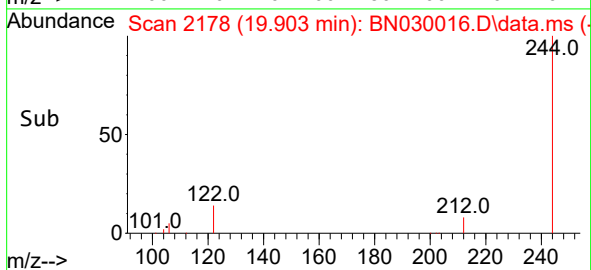
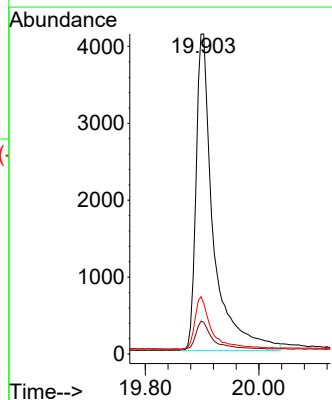
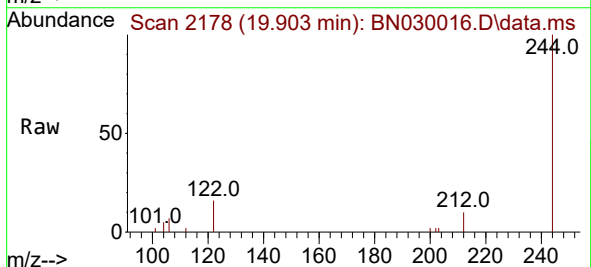
Instrument :
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RE104D1-20240216

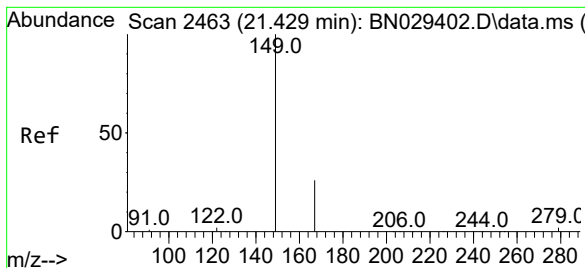
Tgt Ion:240 Resp: 6564
Ion Ratio Lower Upper
240 100
120 19.2 16.7 25.1
236 31.0 23.9 35.9



#31
Terphenyl-d14
Concen: 0.535 ng
RT: 19.903 min Scan# 2178
Delta R.T. 0.005 min
Lab File: BN030016.D
Acq: 25 Feb 2024 06:31

Tgt Ion:244 Resp: 8721
Ion Ratio Lower Upper
244 100
212 9.9 8.2 12.4
122 15.9 15.6 23.4

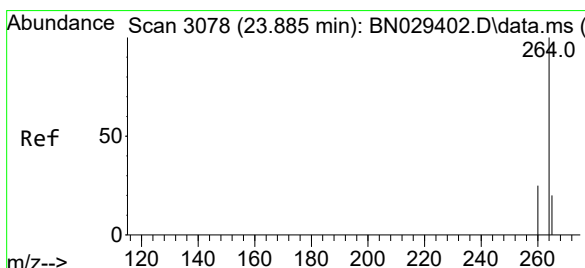
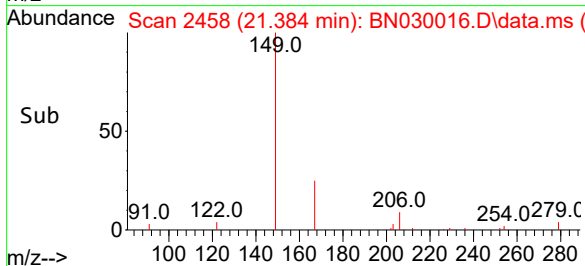
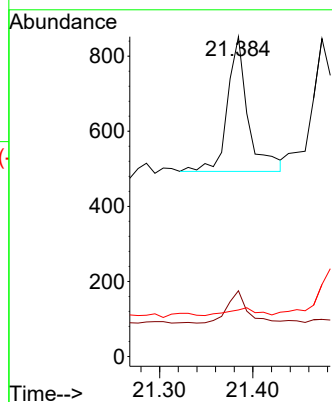
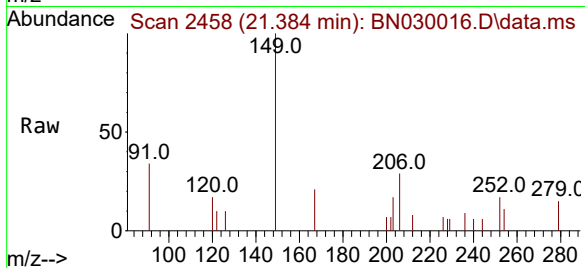




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.036 ng
 RT: 21.384 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN030016.D
 Acq: 25 Feb 2024 06:31

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20240216

Tgt Ion:149 Resp: 549
 Ion Ratio Lower Upper
 149 100
 167 23.3 20.1 30.1
 279 7.7 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.832 min Scan# 3060
 Delta R.T. 0.012 min
 Lab File: BN030016.D
 Acq: 25 Feb 2024 06:31

Tgt Ion:264 Resp: 6185
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.2 31.8
 265 92.6 41.5 62.3#

