

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
 Data File : BN025404.D
 Acq On : 11 May 2023 17:07
 Operator : CG/JU
 Sample : 02723-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-44.5-050923

Quant Time: May 12 04:00:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 00:57:16 2023
 Response via : Initial Calibration

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

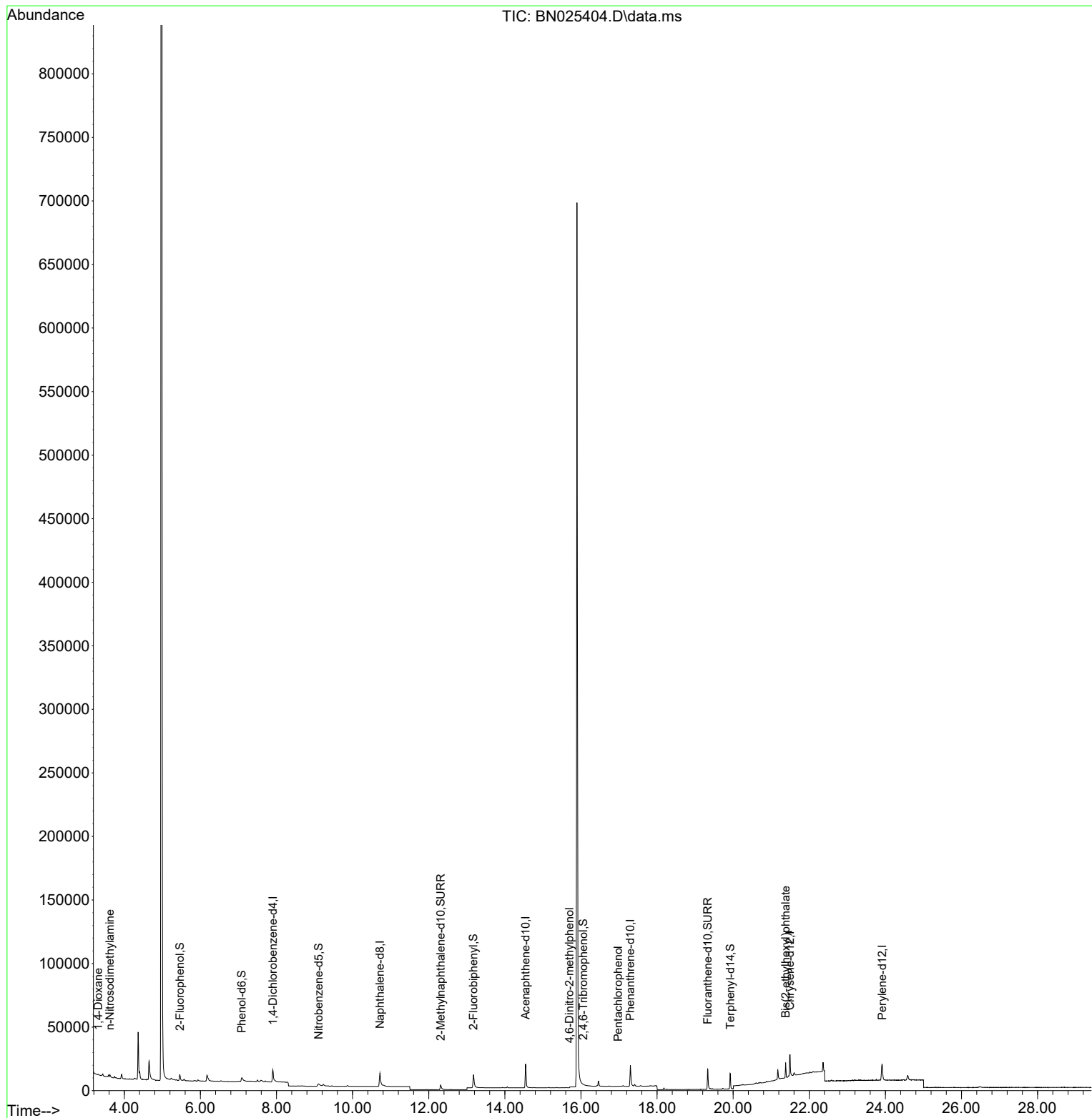
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	6797	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	20612	0.400	ng	0.01
13) Acenaphthene-d10	14.544	164	12492	0.400	ng	0.00
19) Phenanthrene-d10	17.298	188	26616	0.400	ng	0.00
29) Chrysene-d12	21.495	240	20723	0.400	ng	# 0.00
35) Perylene-d12	23.914	264	19435	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	4537	0.288	ng	0.00
5) Phenol-d6	7.088	99	5438	0.254	ng	0.00
8) Nitrobenzene-d5	9.106	82	3667	0.220	ng	0.02
11) 2-Methylnaphthalene-d10	12.313	152	8657	0.318	ng	0.00
14) 2,4,6-Tribromophenol	16.057	330	231	0.035	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	12410	0.286	ng	0.00
27) Fluoranthene-d10	19.330	212	20551	0.337	ng	0.00
31) Terphenyl-d14	19.924	244	16443	0.329	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.318	88	269	0.043	ng	# 40
3) n-Nitrosodimethylamine	3.621	42	884	0.088	ng	# 5
20) 4,6-Dinitro-2-methylph...	15.699	198	15	0.227	ng	# 1
24) Pentachlorophenol	16.976	266	15	0.101	ng	# 18
34) Bis(2-ethylhexyl)phtha...	21.379	149	10641	0.156	ng	99

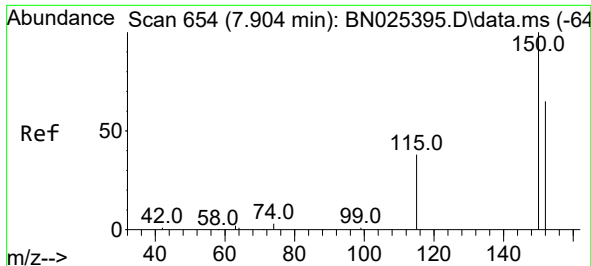
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
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Instrument :
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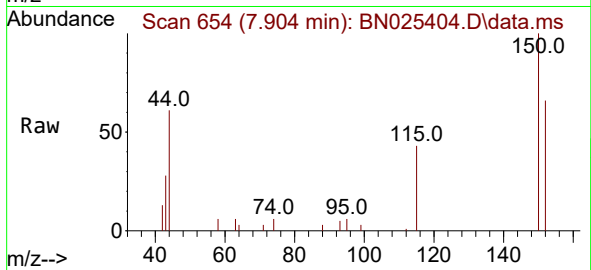
Quant Time: May 12 04:00:48 2023
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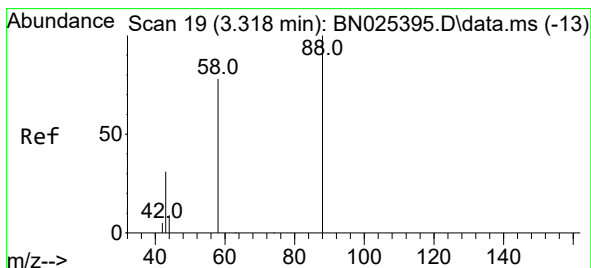
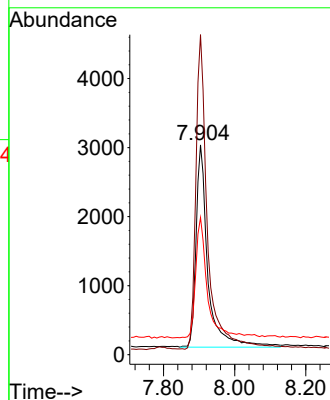
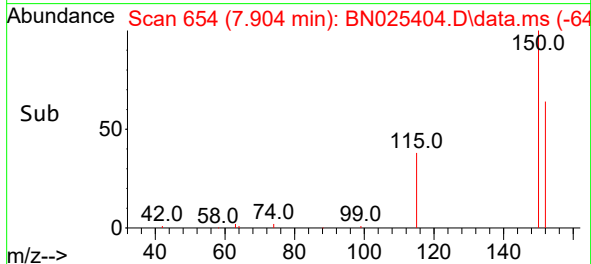


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025404.D
Acq: 11 May 2023 17:07

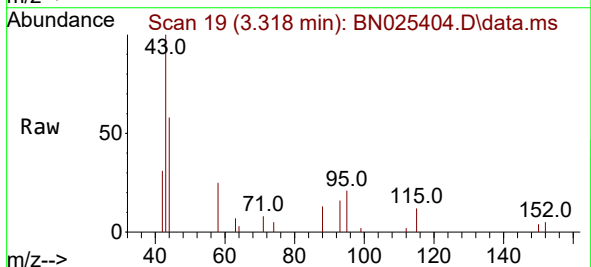
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-44.5-050923



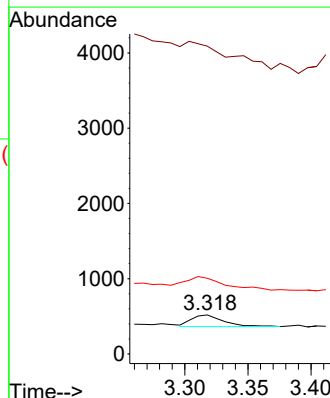
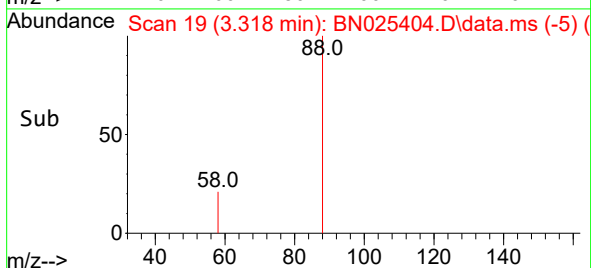
Tgt Ion:152 Resp: 6797
Ion Ratio Lower Upper
152 100
150 152.6 121.4 182.2
115 65.4 50.6 76.0

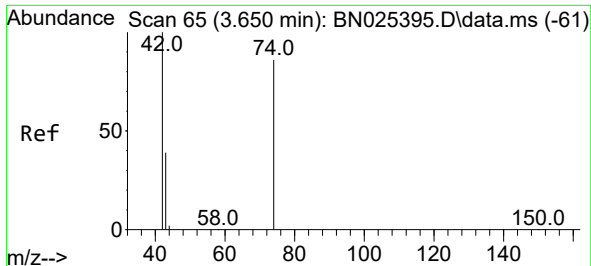


#2
1,4-Dioxane
Concen: 0.043 ng
RT: 3.318 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN025404.D
Acq: 11 May 2023 17:07



Tgt Ion: 88 Resp: 269
Ion Ratio Lower Upper
88 100
43 0.0 37.4 56.2#
58 141.3 71.5 107.3#

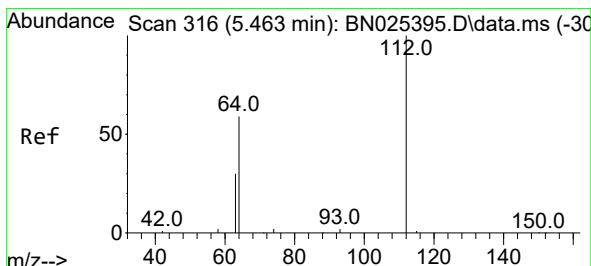
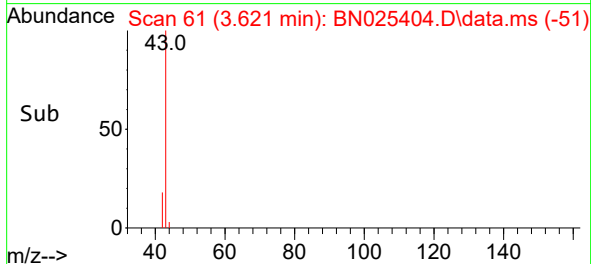
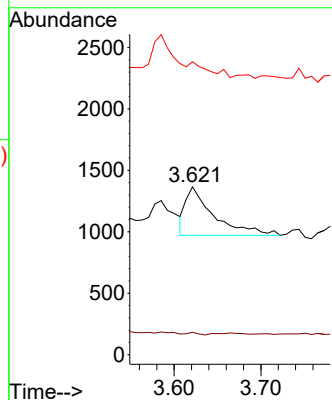
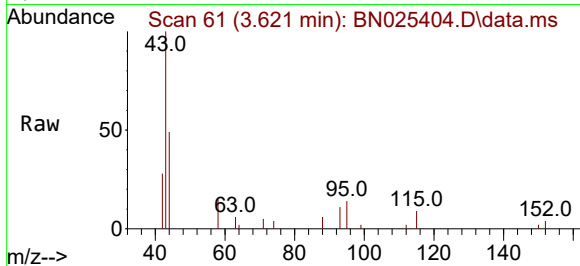




#3
n-Nitrosodimethylamine
Concen: 0.088 ng
RT: 3.621 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN025404.D
Acq: 11 May 2023 17:07

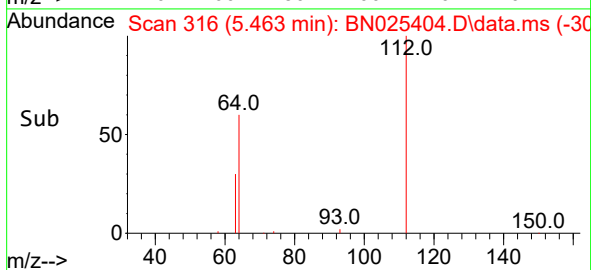
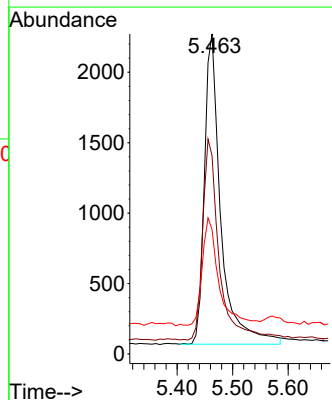
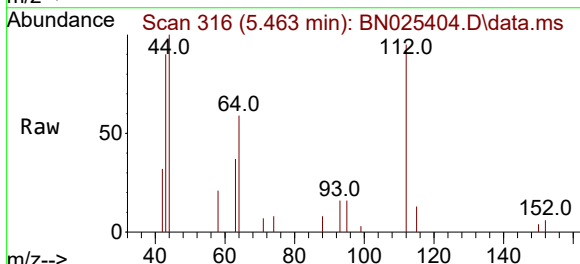
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-44.5-050923

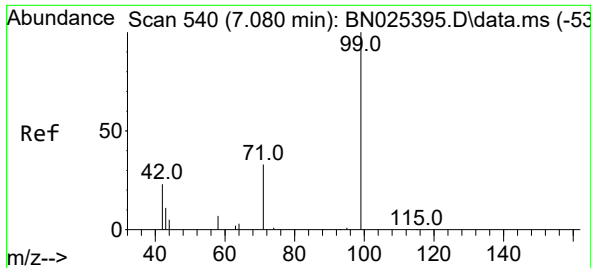
Tgt Ion: 42 Resp: 884
Ion Ratio Lower Upper
42 100
74 0.0 82.2 123.4#
44 0.0 7.8 11.8#



#4
2-Fluorophenol
Concen: 0.288 ng
RT: 5.463 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN025404.D
Acq: 11 May 2023 17:07

Tgt Ion: 112 Resp: 4537
Ion Ratio Lower Upper
112 100
64 65.1 51.9 77.9
63 34.5 27.4 41.2

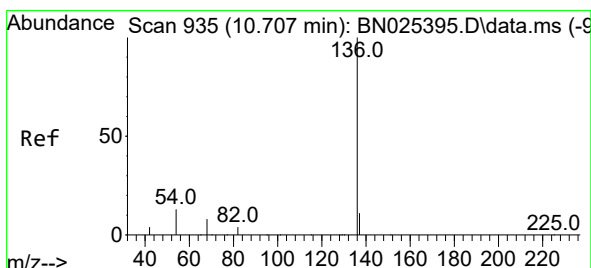
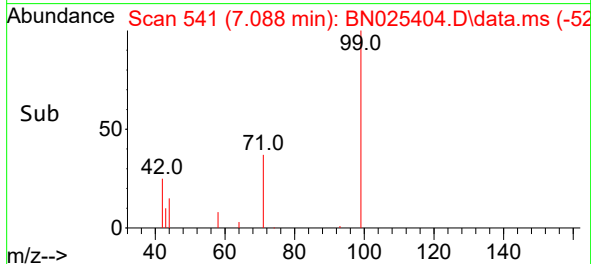
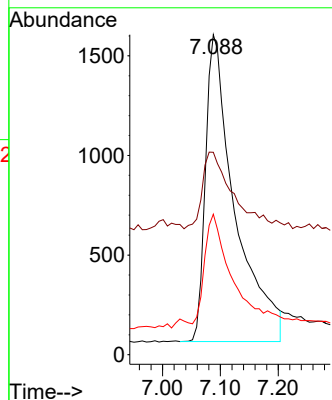
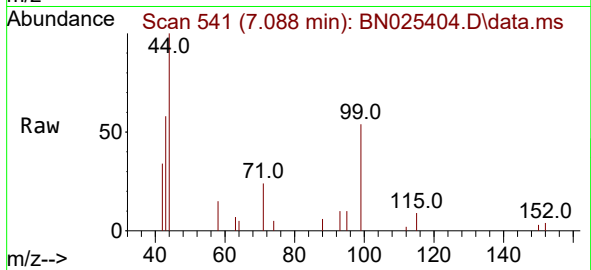




#5
Phenol-d6
Concen: 0.254 ng
RT: 7.088 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN025404.D
Acq: 11 May 2023 17:07

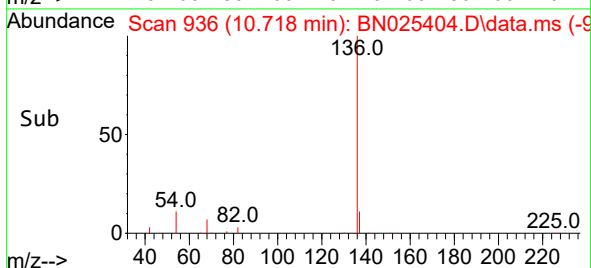
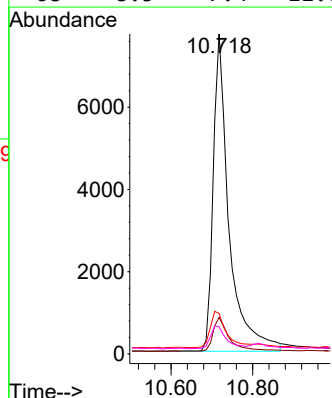
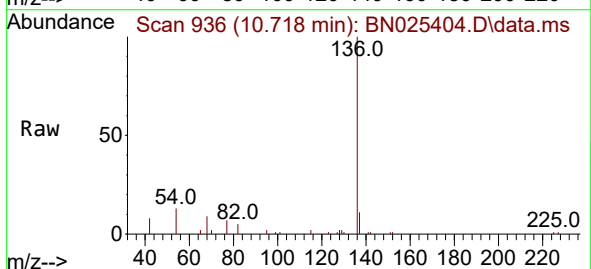
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-44.5-050923

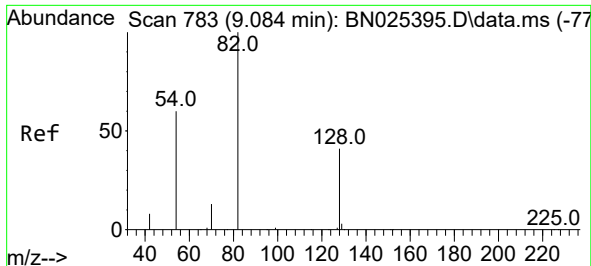
Tgt Ion: 99 Resp: 5438
Ion Ratio Lower Upper
99 100
42 26.0 23.5 35.3
71 32.7 28.1 42.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN025404.D
Acq: 11 May 2023 17:07

Tgt Ion:136 Resp: 20612
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 12.7 11.2 16.8
68 8.5 7.4 11.0

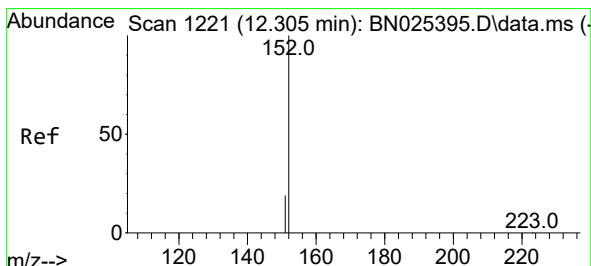
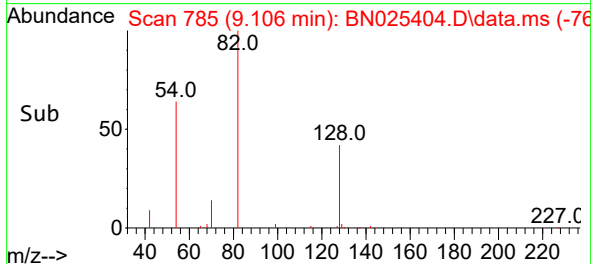
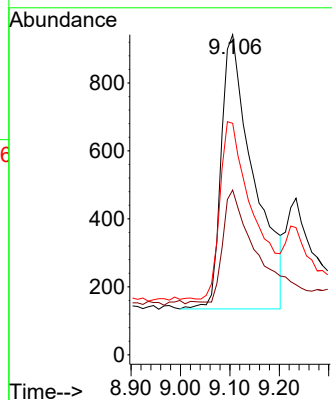
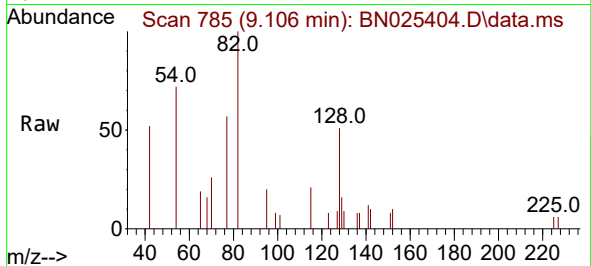




#8
Nitrobenzene-d5
Concen: 0.220 ng
RT: 9.106 min Scan# 71
Delta R.T. 0.022 min
Lab File: BN025404.D
Acq: 11 May 2023 17:07

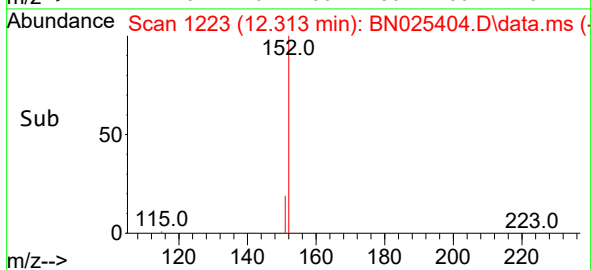
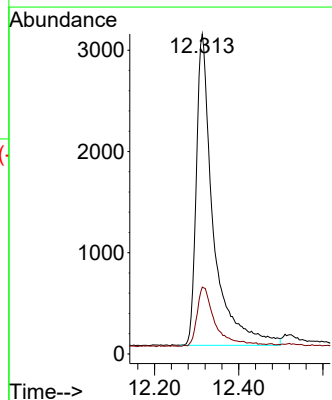
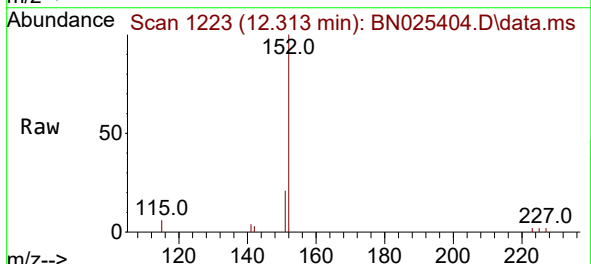
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-44.5-050923

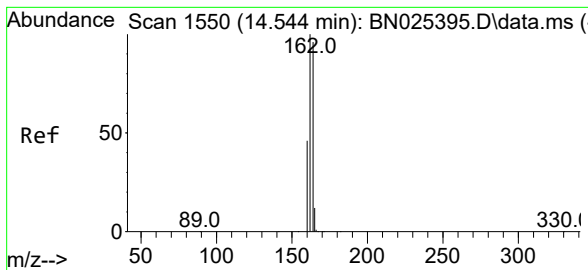
Tgt Ion: 82 Resp: 3667
Ion Ratio Lower Upper
82 100
128 51.5 35.8 53.8
54 72.3 50.4 75.6



#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.313 min Scan# 1223
Delta R.T. 0.008 min
Lab File: BN025404.D
Acq: 11 May 2023 17:07

Tgt Ion: 152 Resp: 8657
Ion Ratio Lower Upper
152 100
151 19.3 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.544 min Scan# 1550

Delta R.T. 0.000 min

Lab File: BN025404.D

Acq: 11 May 2023 17:07

Instrument :

BNA_N

ClientSampleId :

CB-14-G1-SO-44.5-050923

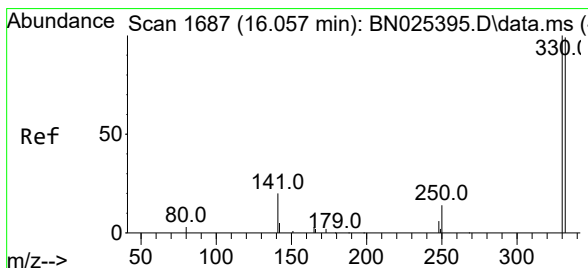
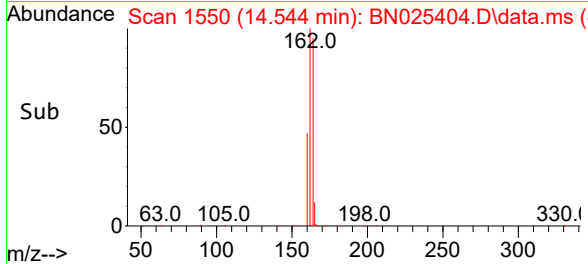
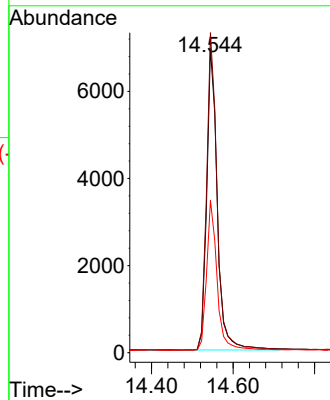
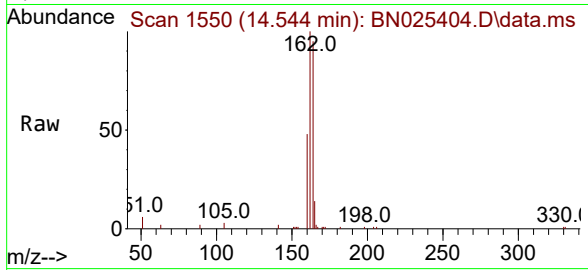
Tgt Ion:164 Resp: 12492

Ion Ratio Lower Upper

164 100

162 105.3 83.2 124.8

160 50.1 38.8 58.2



#14

2,4,6-Tribromophenol

Concen: 0.035 ng

RT: 16.057 min Scan# 1687

Delta R.T. 0.000 min

Lab File: BN025404.D

Acq: 11 May 2023 17:07

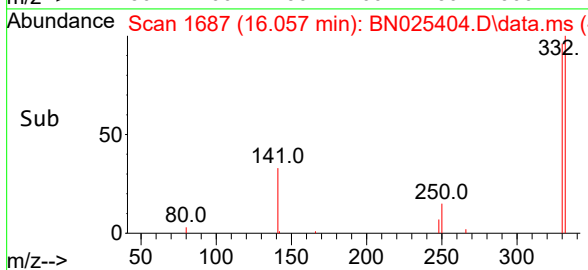
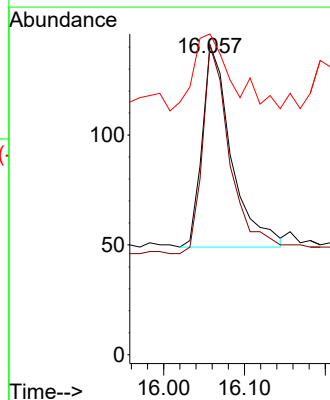
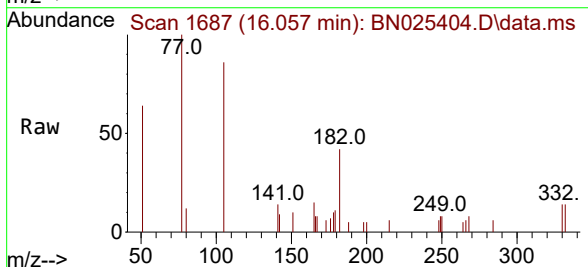
Tgt Ion:330 Resp: 231

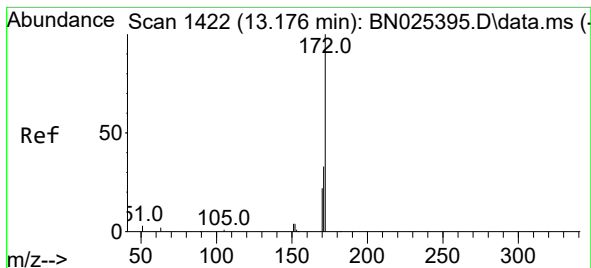
Ion Ratio Lower Upper

330 100

332 98.3 78.0 117.0

141 49.8 30.2 45.2#





#15

2-Fluorobiphenyl

Concen: 0.286 ng

RT: 13.176 min Scan# 1422

Delta R.T. 0.000 min

Lab File: BN025404.D

Acq: 11 May 2023 17:07

Instrument :

BNA_N

ClientSampleId :

CB-14-G1-SO-44.5-050923

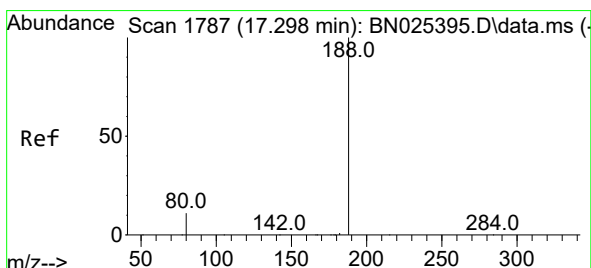
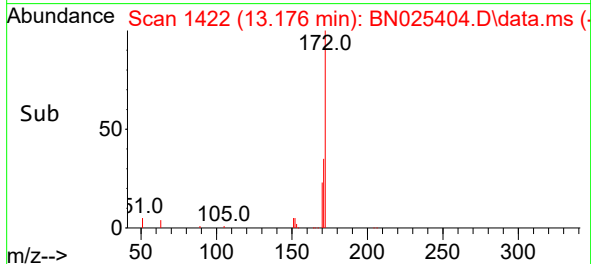
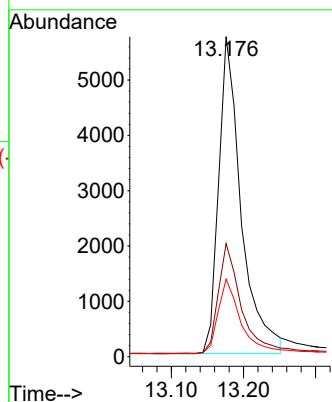
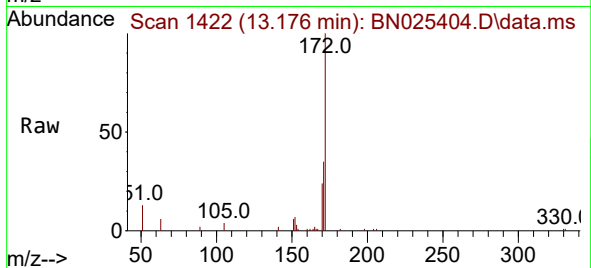
Tgt Ion:172 Resp: 12410

Ion Ratio Lower Upper

172 100

171 35.4 26.7 40.1

170 24.2 17.8 26.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.298 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BN025404.D

Acq: 11 May 2023 17:07

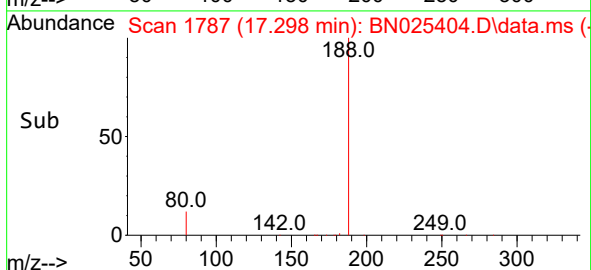
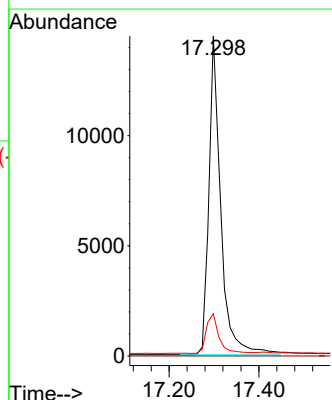
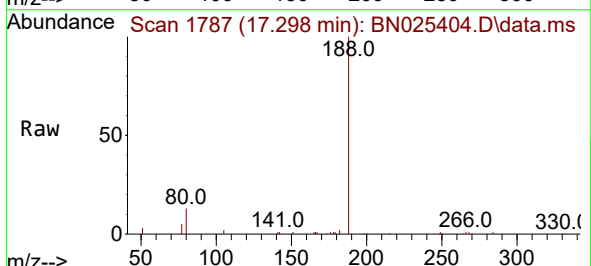
Tgt Ion:188 Resp: 26616

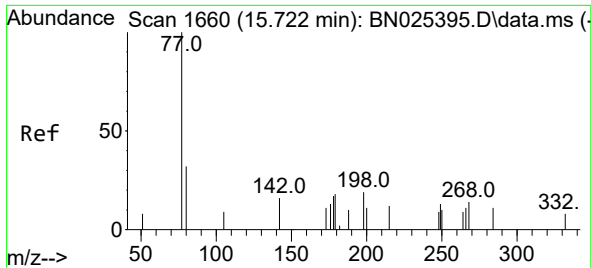
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.2 9.4 14.2

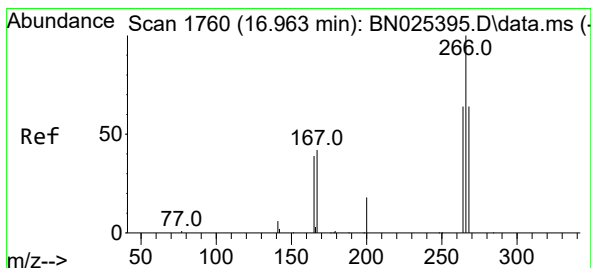
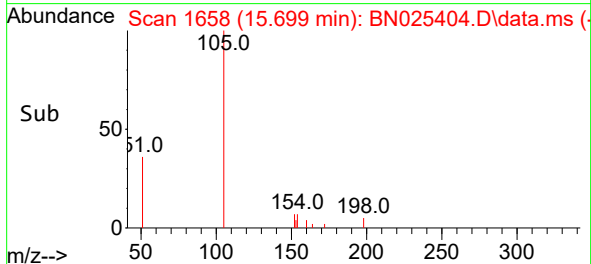
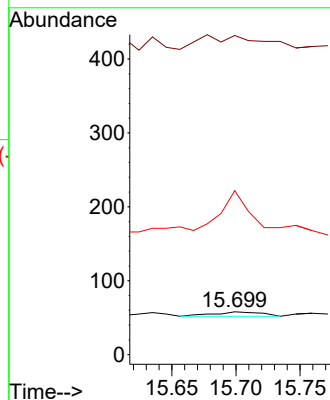
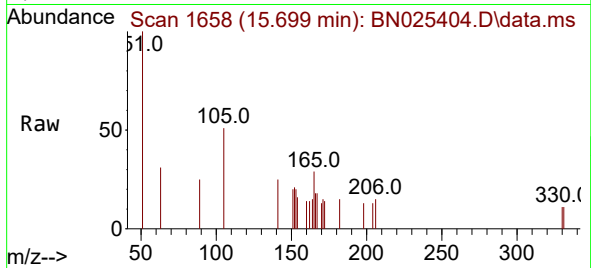




#20
4,6-Dinitro-2-methylphenol
Concen: 0.227 ng
RT: 15.699 min Scan# 1658
Delta R.T. -0.023 min
Lab File: BN025404.D
Acq: 11 May 2023 17:07

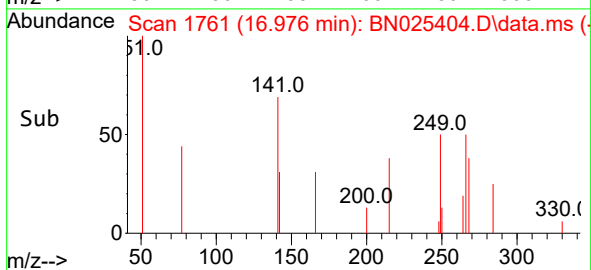
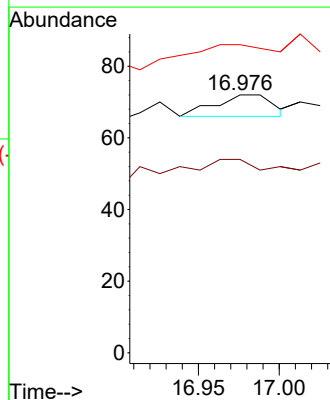
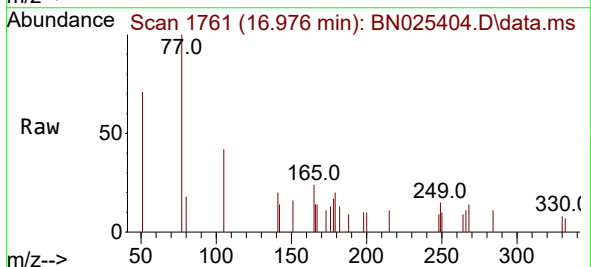
Instrument :
BNA_N
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CB-14-G1-SO-44.5-050923

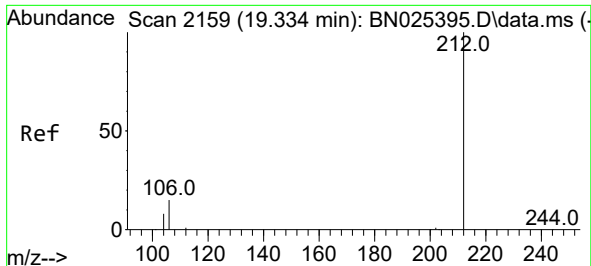
Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
51 744.8 259.2 388.8#
105 382.8 112.6 168.8#



#24
Pentachlorophenol
Concen: 0.101 ng
RT: 16.976 min Scan# 1761
Delta R.T. 0.013 min
Lab File: BN025404.D
Acq: 11 May 2023 17:07

Tgt Ion:266 Resp: 15
Ion Ratio Lower Upper
266 100
264 126.7 50.1 75.1#
268 0.0 49.3 73.9#

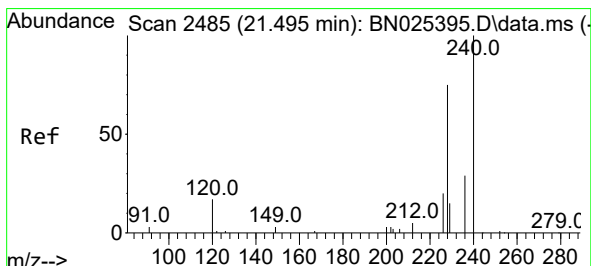
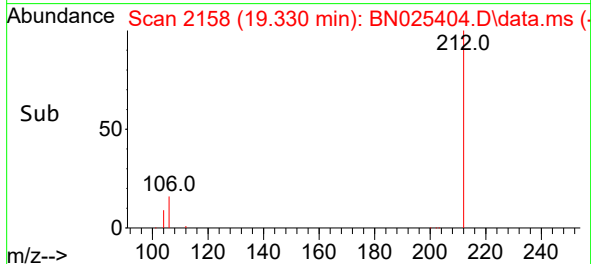
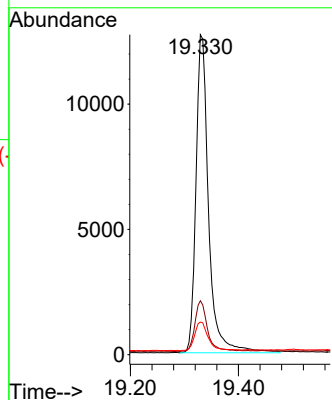
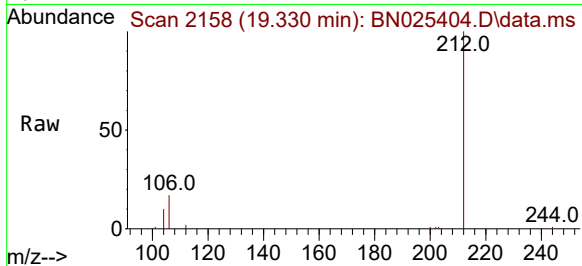




#27
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.330 min Scan# 2159
Delta R.T. -0.004 min
Lab File: BN025404.D
Acq: 11 May 2023 17:07

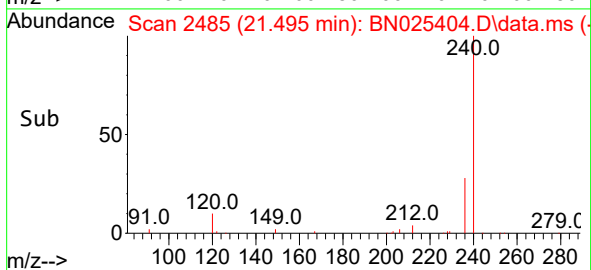
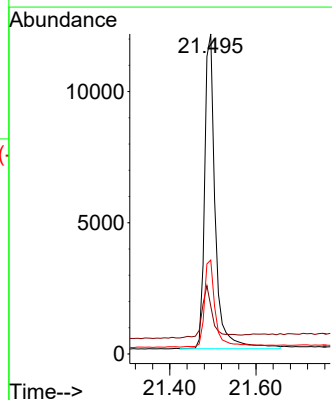
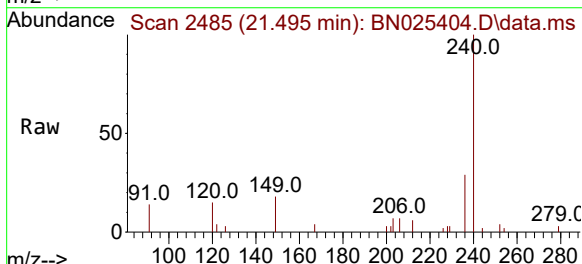
Instrument :
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ClientSampleId :
CB-14-G1-SO-44.5-050923

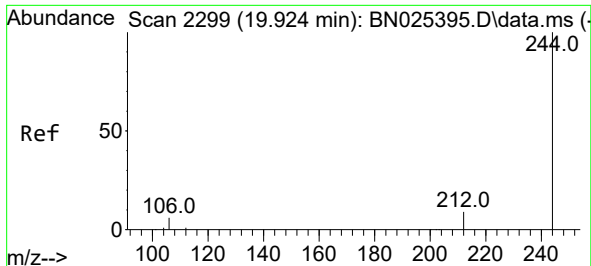
Tgt Ion:212 Resp: 20551
Ion Ratio Lower Upper
212 100
106 15.6 12.6 19.0
104 9.6 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.495 min Scan# 2485
Delta R.T. 0.000 min
Lab File: BN025404.D
Acq: 11 May 2023 17:07

Tgt Ion:240 Resp: 20723
Ion Ratio Lower Upper
240 100
120 15.0 19.0 28.6#
236 29.4 25.0 37.6

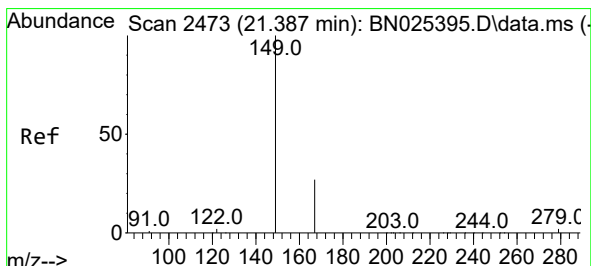
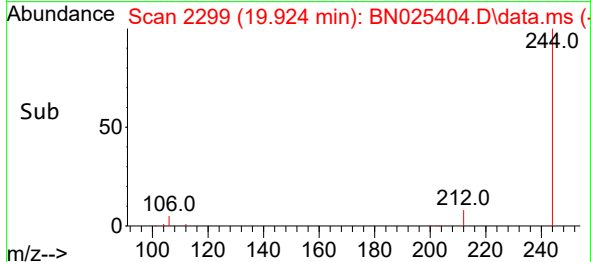
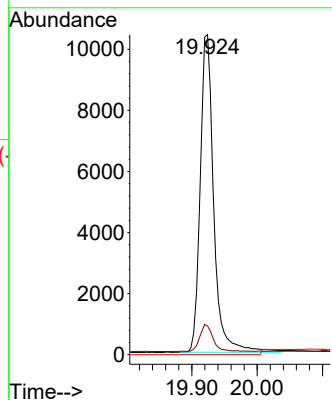
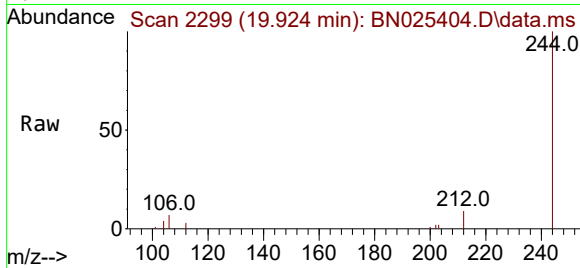




#31
 Terphenyl-d14
 Concen: 0.329 ng
 RT: 19.924 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN025404.D
 Acq: 11 May 2023 17:07

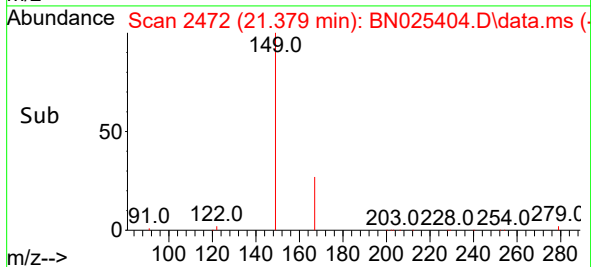
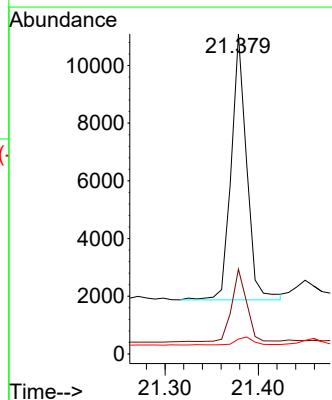
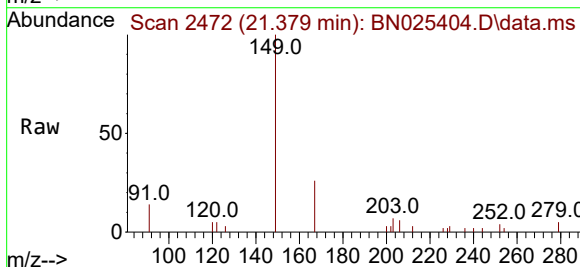
Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-44.5-050923

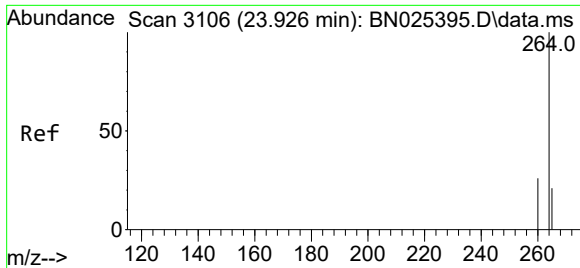
Tgt Ion:244 Resp: 16443
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.5 11.3
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.156 ng
 RT: 21.379 min Scan# 2472
 Delta R.T. -0.009 min
 Lab File: BN025404.D
 Acq: 11 May 2023 17:07

Tgt Ion:149 Resp: 10641
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.7 32.5
 279 3.6 3.0 4.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.914 min Scan# 31

Delta R.T. -0.011 min

Lab File: BN025404.D

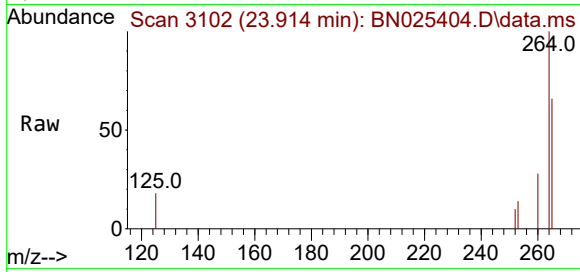
Acq: 11 May 2023 17:07

Instrument :

BNA_N

ClientSampleId :

CB-14-G1-SO-44.5-050923



Tgt Ion:264 Resp: 19435

Ion Ratio Lower Upper

264 100

260 28.4 23.5 35.3

265 65.7 50.9 76.3

