

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
 Data File : BN025408.D
 Acq On : 11 May 2023 19:31
 Operator : CG/JU
 Sample : 02723-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-30.5-050923

Quant Time: May 12 04:01:38 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)

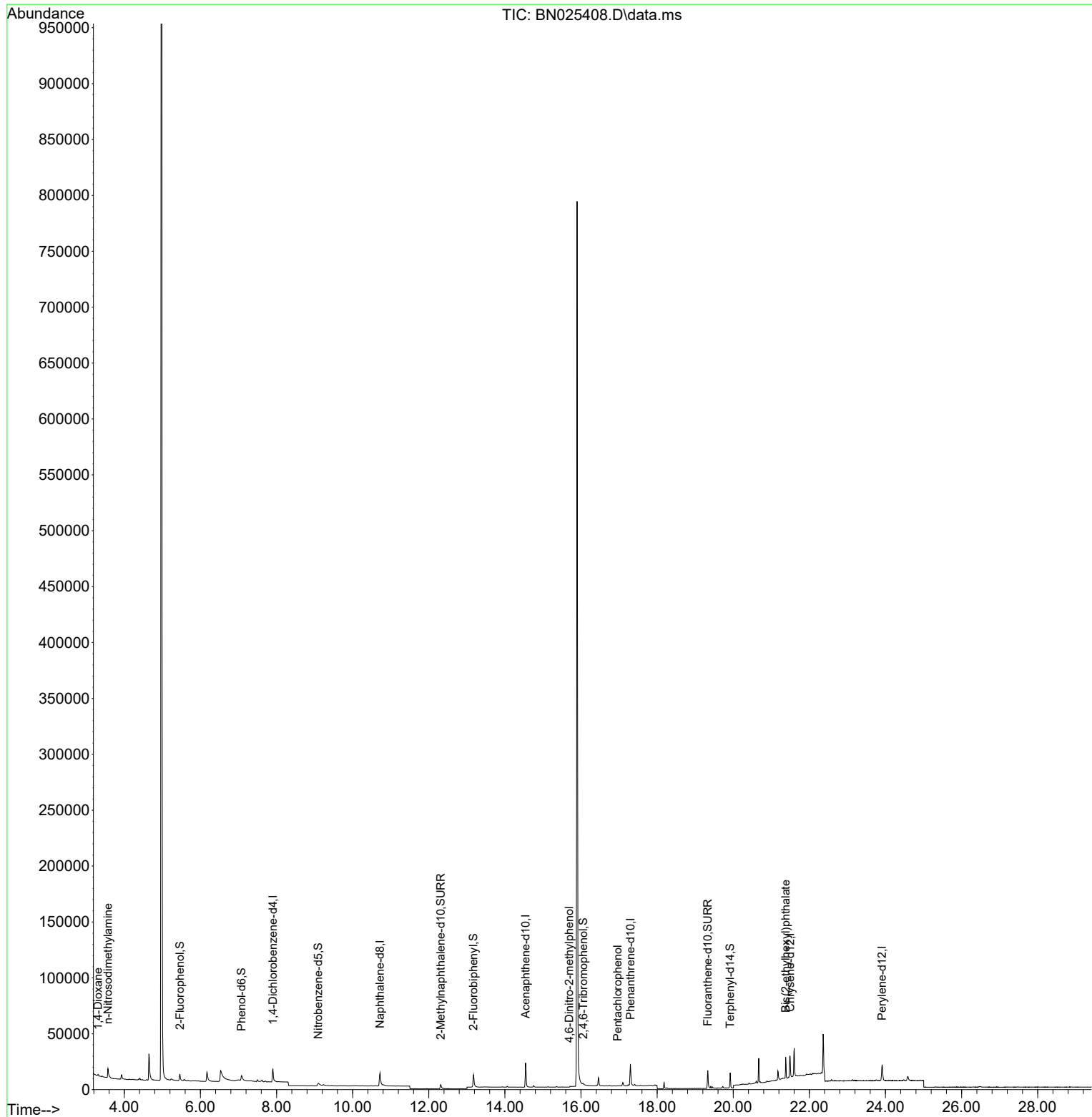
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	7399	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	22898	0.400	ng	0.01
13) Acenaphthene-d10	14.544	164	13627	0.400	ng	0.00
19) Phenanthrene-d10	17.298	188	29814	0.400	ng	0.00
29) Chrysene-d12	21.495	240	21895	0.400	ng	# 0.00
35) Perylene-d12	23.911	264	20581	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	5520	0.322	ng	0.00
5) Phenol-d6	7.081	99	6540	0.281	ng	0.00
8) Nitrobenzene-d5	9.095	82	3922	0.212	ng	0.01
11) 2-Methylnaphthalene-d10	12.313	152	8397	0.278	ng	0.00
14) 2,4,6-Tribromophenol	16.057	330	837	0.115	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	12571	0.266	ng	0.00
27) Fluoranthene-d10	19.330	212	19494	0.286	ng	0.00
31) Terphenyl-d14	19.920	244	16347	0.310	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	757	0.111	ng	# 70
3) n-Nitrosodimethylamine	3.571	42	2158	0.197	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.688	198	6	0.222	ng	# 1
24) Pentachlorophenol	16.963	266	8	0.100	ng	# 52
34) Bis(2-ethylhexyl)phtha...	21.379	149	16571	0.230	ng	98

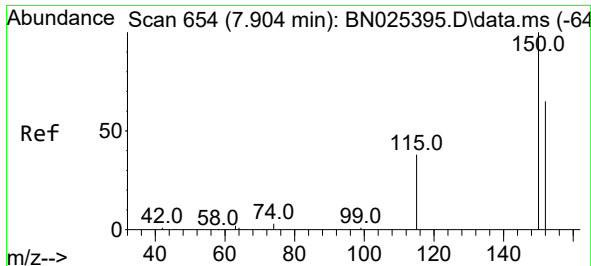
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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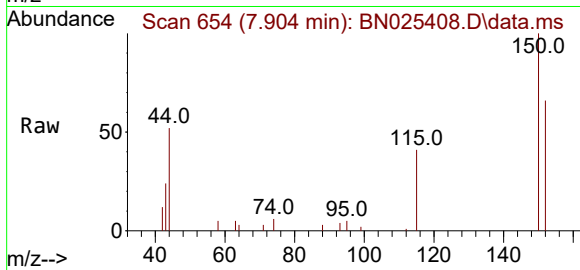
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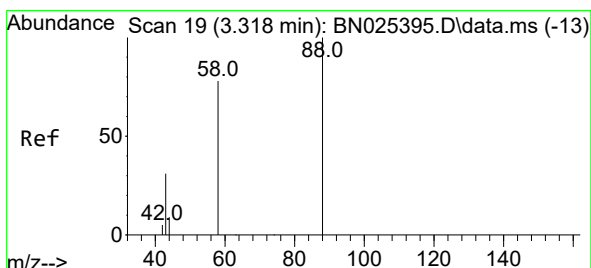
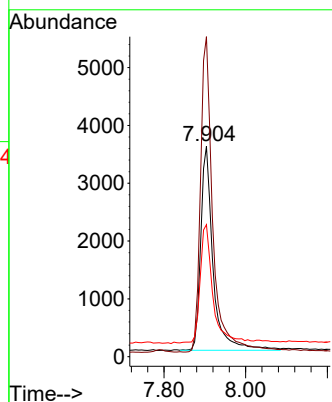
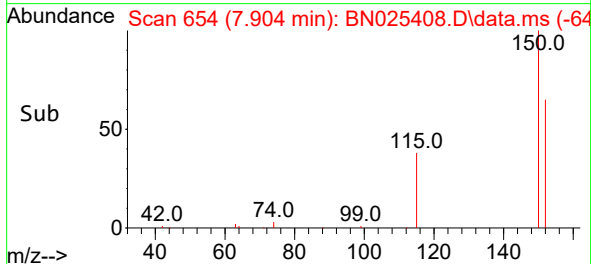


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025408.D
Acq: 11 May 2023 19:31

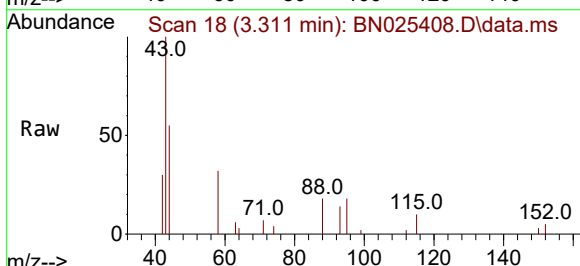
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-30.5-050923



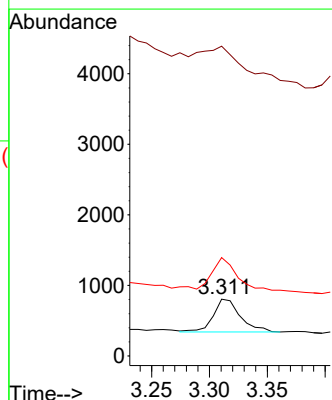
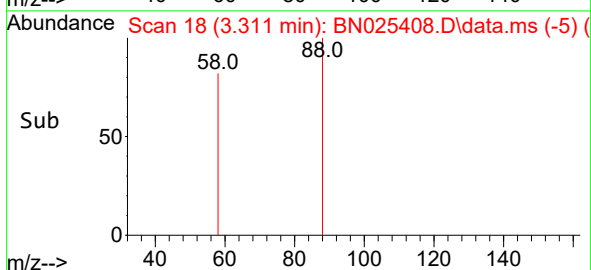
Tgt Ion:152 Resp: 7399
Ion Ratio Lower Upper
152 100
150 152.1 121.4 182.2
115 62.7 50.6 76.0

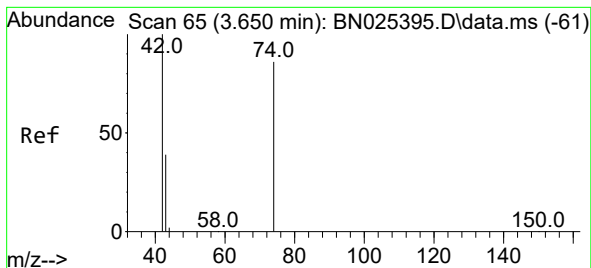


#2
1,4-Dioxane
Concen: 0.111 ng
RT: 3.311 min Scan# 18
Delta R.T. -0.007 min
Lab File: BN025408.D
Acq: 11 May 2023 19:31



Tgt Ion: 88 Resp: 757
Ion Ratio Lower Upper
88 100
43 0.0 37.4 56.2#
58 97.9 71.5 107.3





#3

n-Nitrosodimethylamine

Concen: 0.197 ng

RT: 3.571 min Scan# 54

Delta R.T. -0.079 min

Lab File: BN025408.D

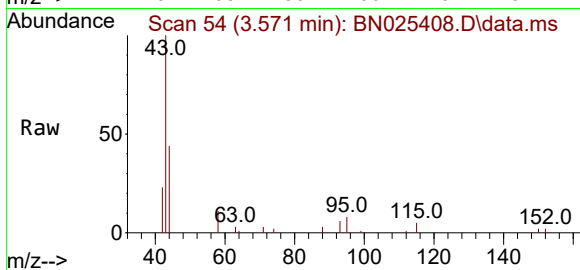
Acq: 11 May 2023 19:31

Instrument :

BNA_N

ClientSampleId :

CB-14-G1-SO-30.5-050923



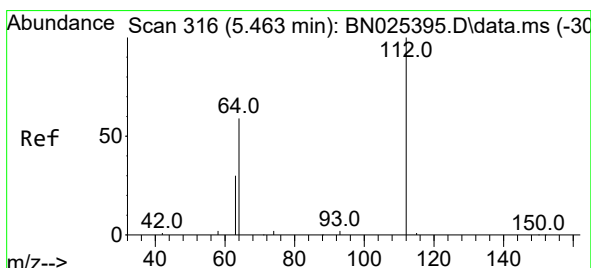
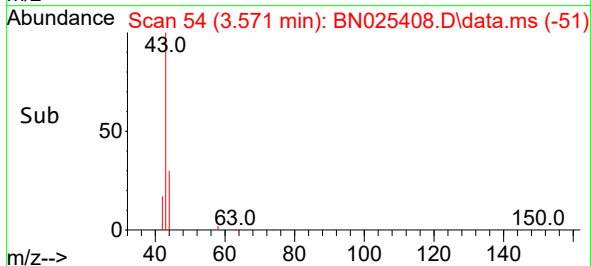
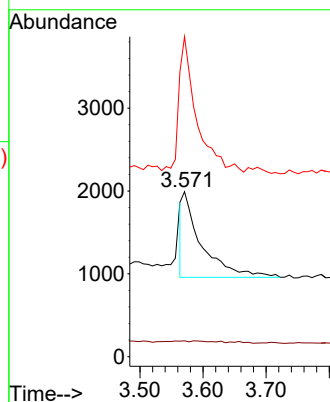
Tgt Ion: 42 Resp: 2158

Ion Ratio Lower Upper

42 100

74 0.0 82.2 123.4#

44 117.2 7.8 11.8#



#4

2-Fluorophenol

Concen: 0.322 ng

RT: 5.463 min Scan# 316

Delta R.T. 0.000 min

Lab File: BN025408.D

Acq: 11 May 2023 19:31

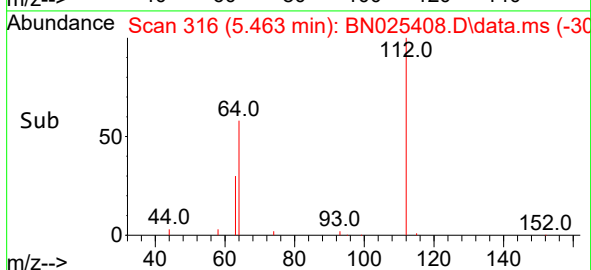
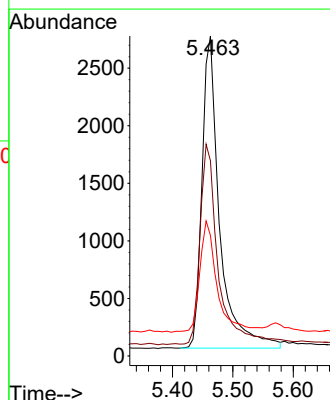
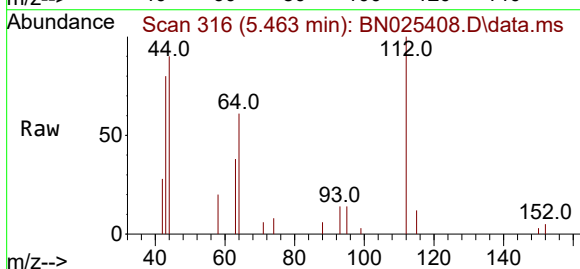
Tgt Ion: 112 Resp: 5520

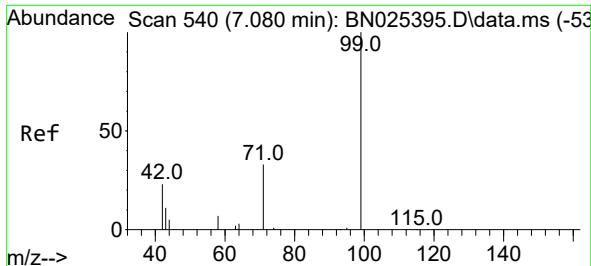
Ion Ratio Lower Upper

112 100

64 66.9 51.9 77.9

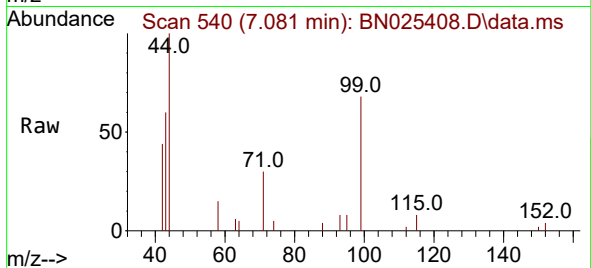
63 35.0 27.4 41.2



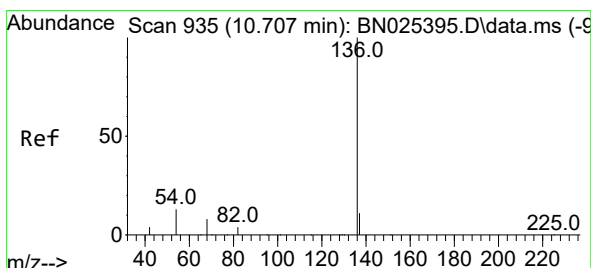
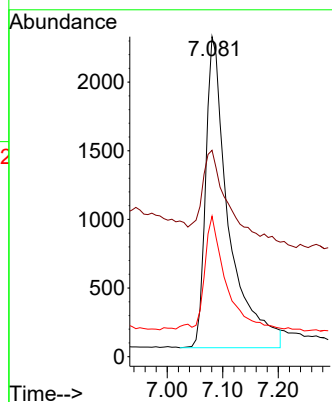
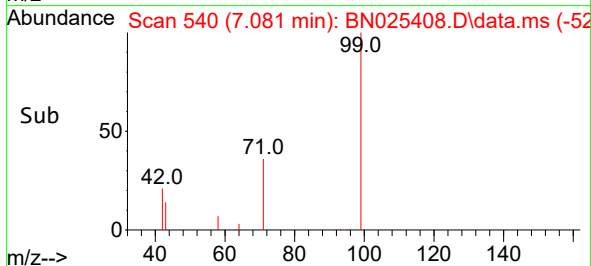


#5
Phenol-d6
Concen: 0.281 ng
RT: 7.081 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN025408.D
Acq: 11 May 2023 19:31

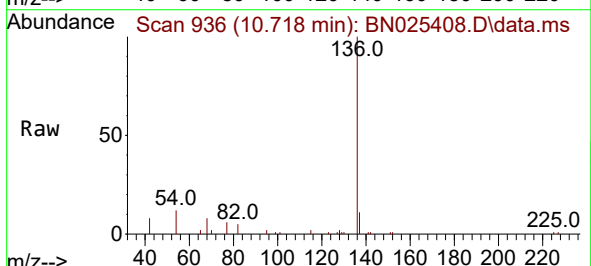
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-30.5-050923



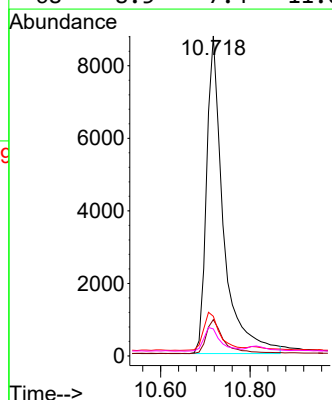
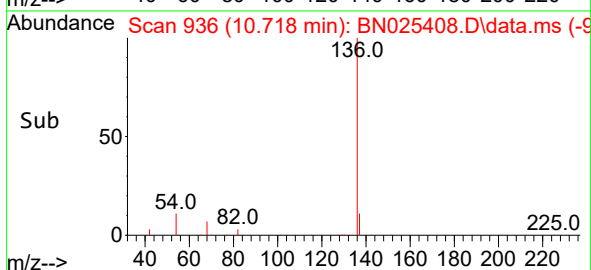
Tgt Ion: 99 Resp: 6540
Ion Ratio Lower Upper
99 100
42 33.1 23.5 35.3
71 31.6 28.1 42.1

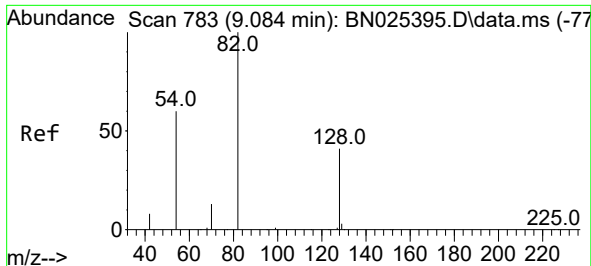


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN025408.D
Acq: 11 May 2023 19:31



Tgt Ion: 136 Resp: 22898
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 12.4 11.2 16.8
68 8.5 7.4 11.0

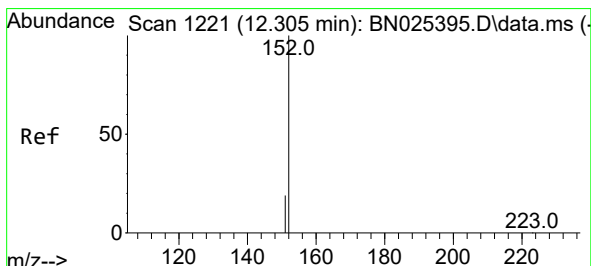
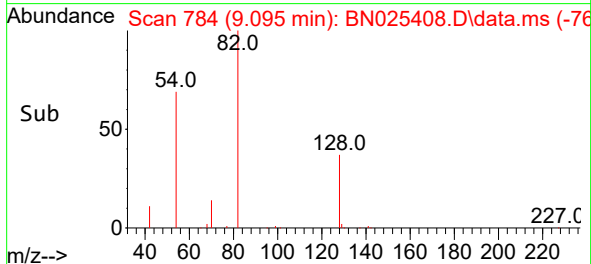
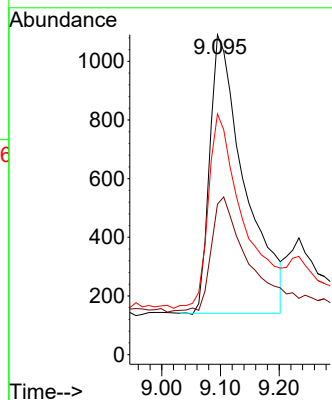
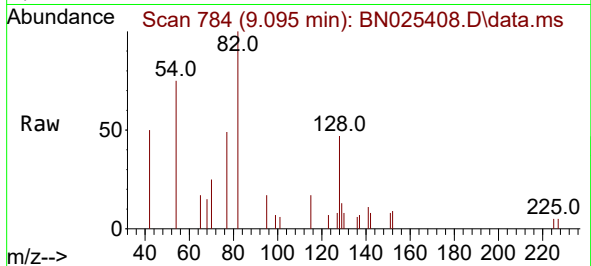




#8
Nitrobenzene-d5
Concen: 0.212 ng
RT: 9.095 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN025408.D
Acq: 11 May 2023 19:31

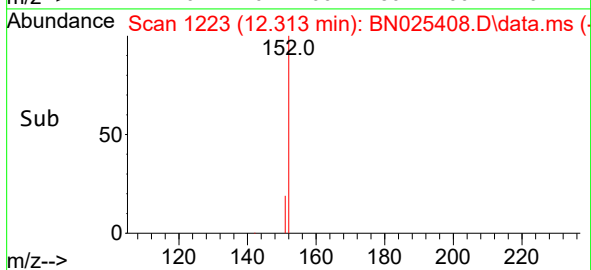
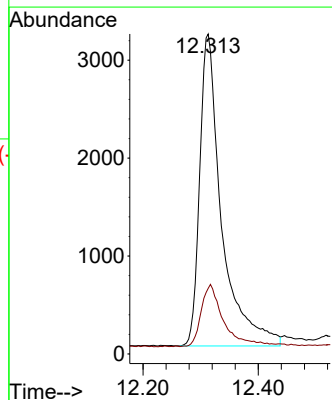
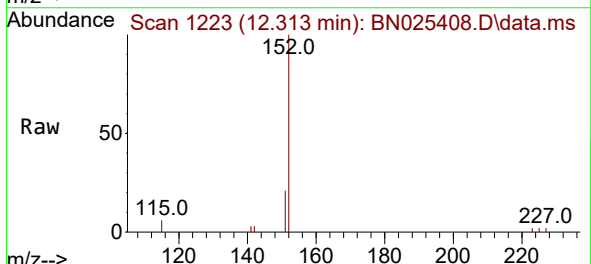
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-30.5-050923

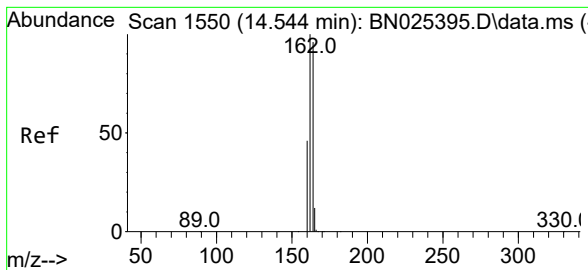
Tgt Ion: 82 Resp: 3922
Ion Ratio Lower Upper
82 100
128 47.0 35.8 53.8
54 75.3 50.4 75.6



#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 12.313 min Scan# 1223
Delta R.T. 0.008 min
Lab File: BN025408.D
Acq: 11 May 2023 19:31

Tgt Ion: 152 Resp: 8397
Ion Ratio Lower Upper
152 100
151 20.4 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: BN025408.D

Acq: 11 May 2023 19:31

Instrument :

BNA_N

ClientSampleId :

CB-14-G1-SO-30.5-050923

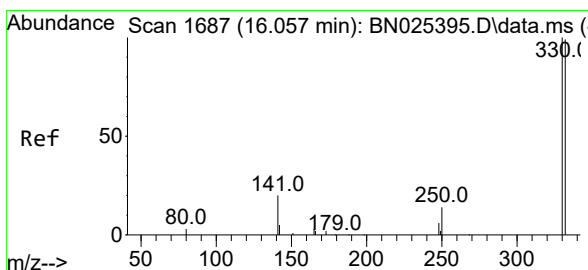
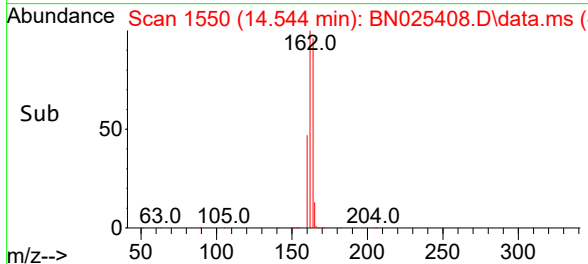
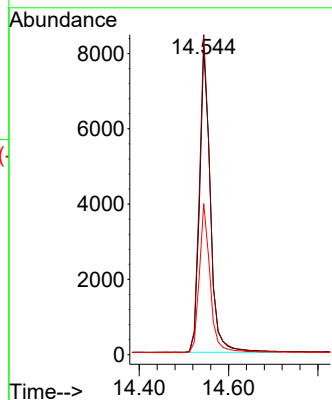
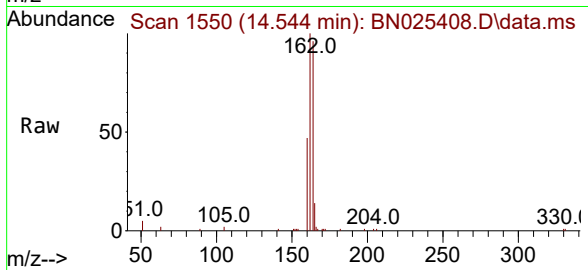
Tgt Ion:164 Resp: 13627

Ion Ratio Lower Upper

164 100

162 104.2 83.2 124.8

160 49.2 38.8 58.2



#14

2,4,6-Tribromophenol

Concen: 0.115 ng

RT: 16.057 min Scan# 1687

Delta R.T. 0.000 min

Lab File: BN025408.D

Acq: 11 May 2023 19:31

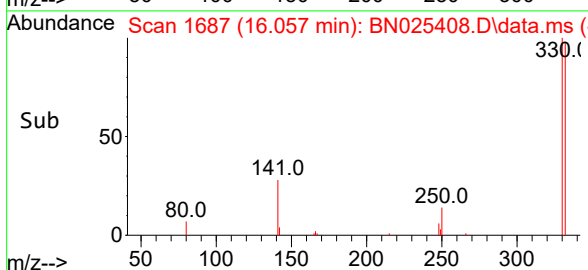
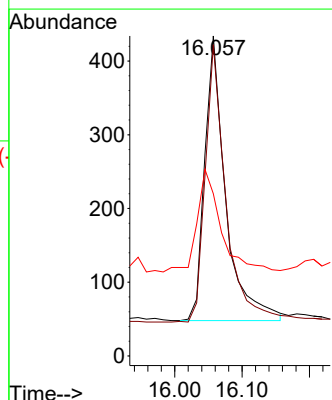
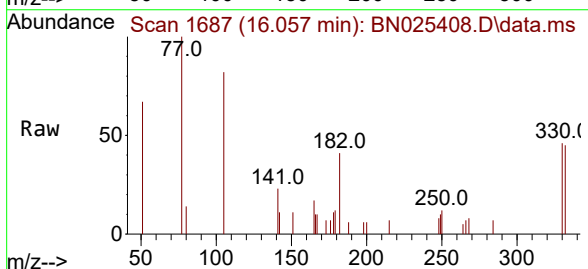
Tgt Ion:330 Resp: 837

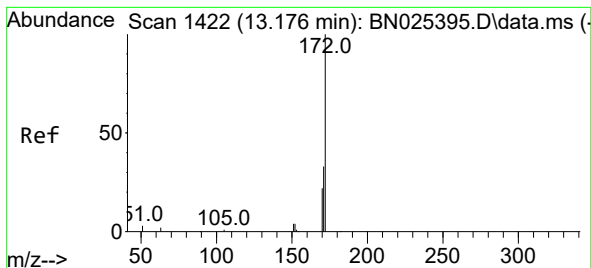
Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

141 40.6 30.2 45.2





#15

2-Fluorobiphenyl

Concen: 0.266 ng

RT: 13.176 min Scan# 1422

Delta R.T. 0.000 min

Lab File: BN025408.D

Acq: 11 May 2023 19:31

Instrument :

BNA_N

ClientSampleId :

CB-14-G1-SO-30.5-050923

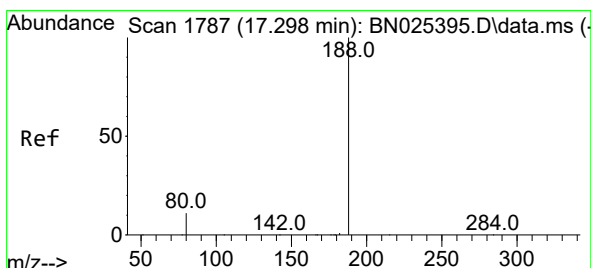
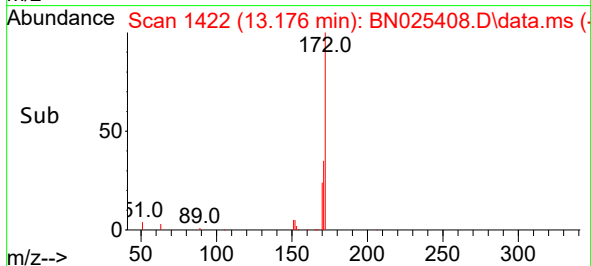
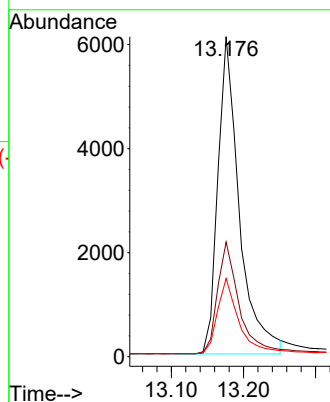
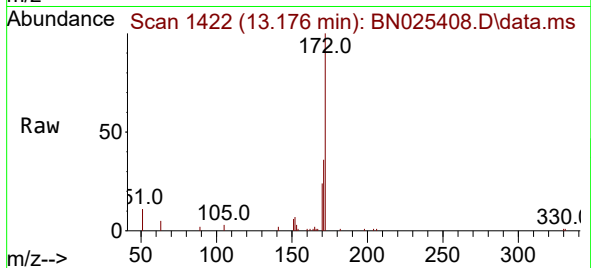
Tgt Ion:172 Resp: 12571

Ion Ratio Lower Upper

172 100

171 35.8 26.7 40.1

170 24.5 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: BN025408.D

Acq: 11 May 2023 19:31

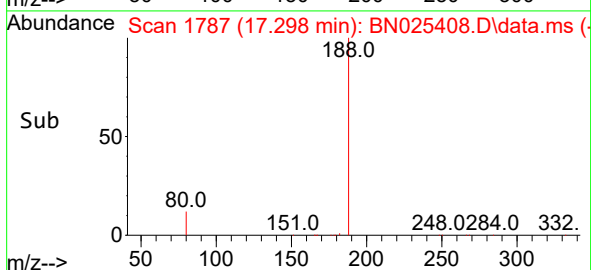
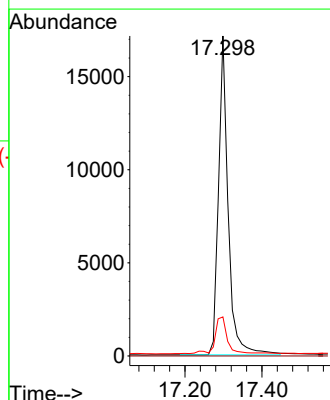
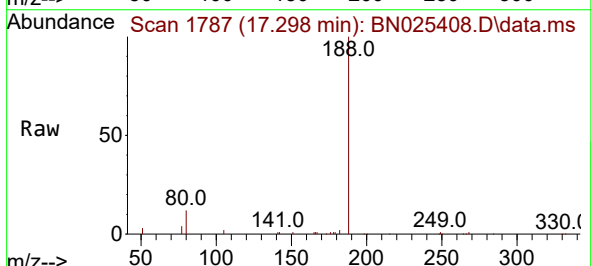
Tgt Ion:188 Resp: 29814

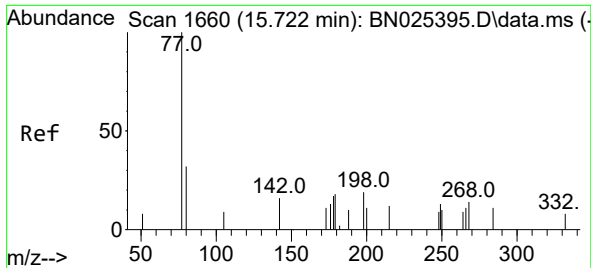
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.2 9.4 14.2

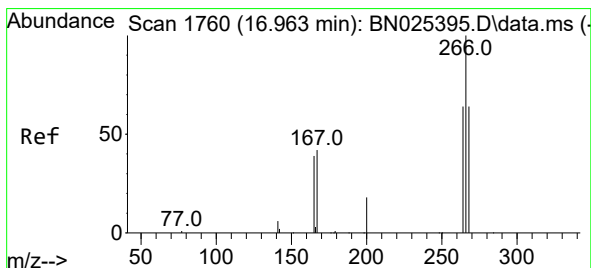
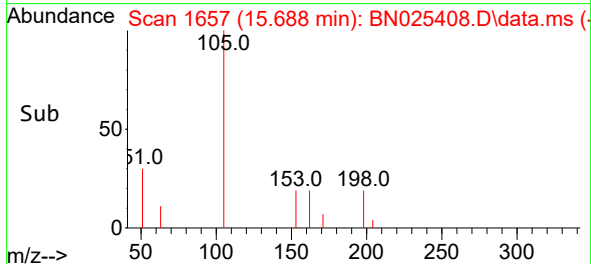
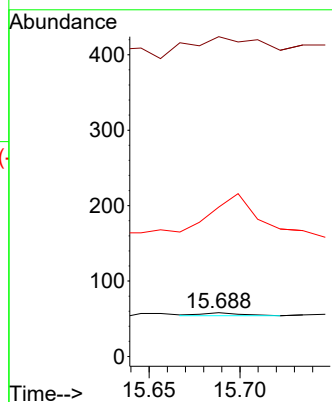
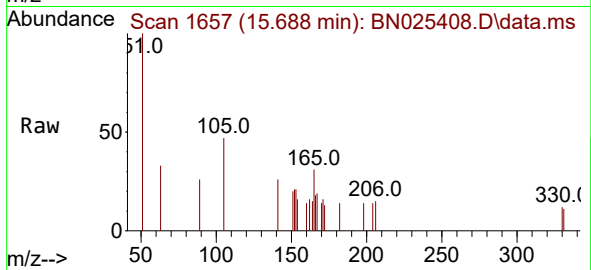




#20
4,6-Dinitro-2-methylphenol
Concen: 0.222 ng
RT: 15.688 min Scan# 1657
Delta R.T. -0.034 min
Lab File: BN025408.D
Acq: 11 May 2023 19:31

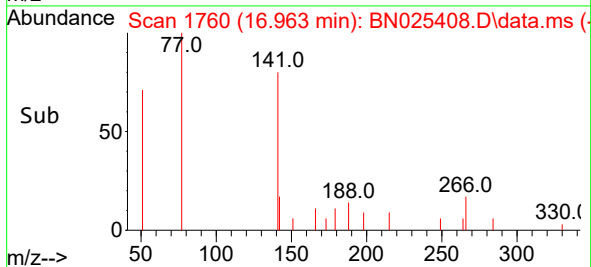
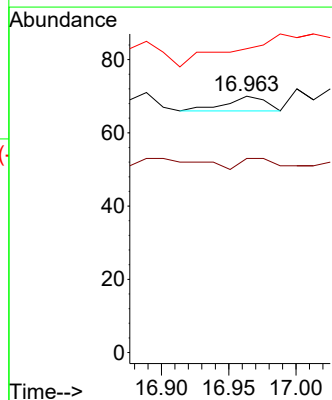
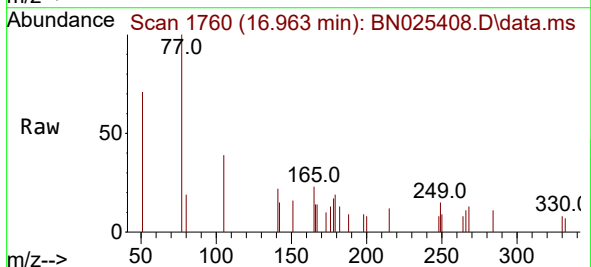
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-30.5-050923

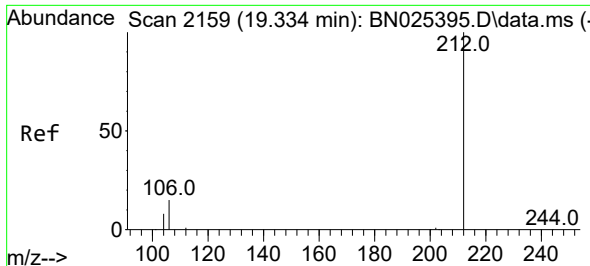
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 731.0 259.2 388.8#
105 341.4 112.6 168.8#



#24
Pentachlorophenol
Concen: 0.100 ng
RT: 16.963 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN025408.D
Acq: 11 May 2023 19:31

Tgt Ion:266 Resp: 8
Ion Ratio Lower Upper
266 100
264 75.0 50.1 75.1
268 0.0 49.3 73.9#

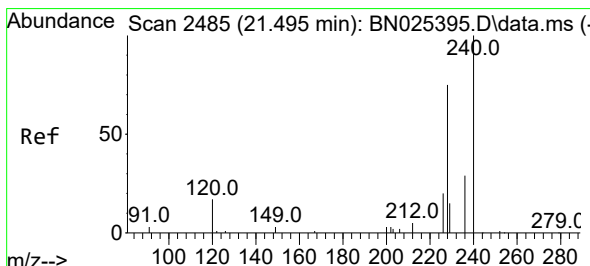
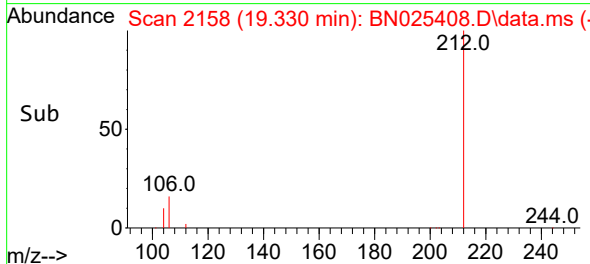
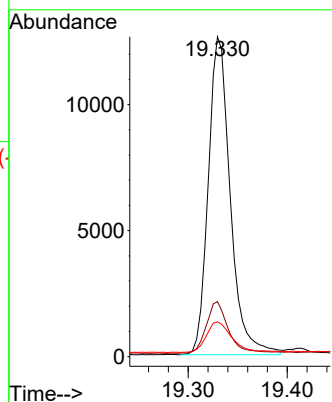
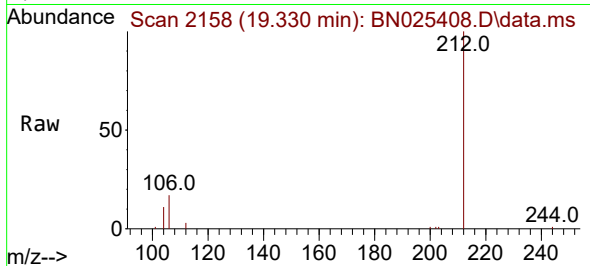




#27
Fluoranthene-d10
Concen: 0.286 ng
RT: 19.330 min Scan# 2159
Delta R.T. -0.004 min
Lab File: BN025408.D
Acq: 11 May 2023 19:31

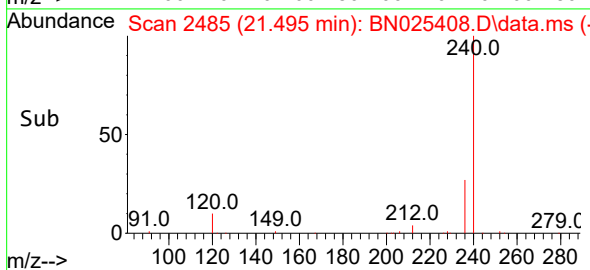
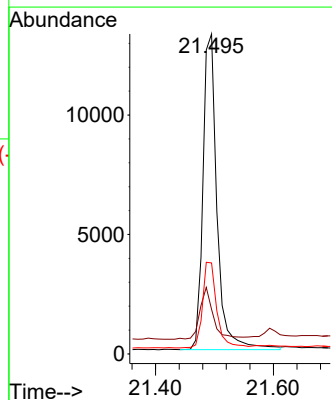
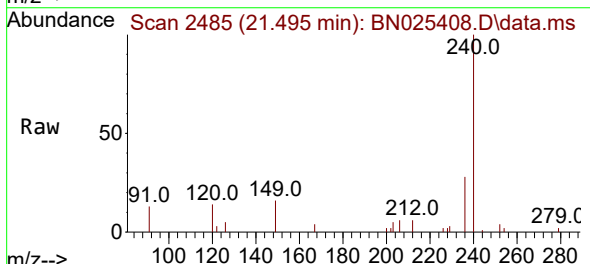
Instrument :
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ClientSampleId :
CB-14-G1-SO-30.5-050923

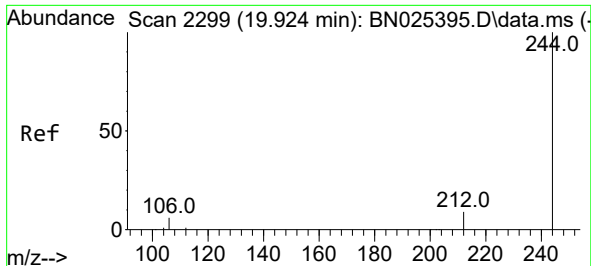
Tgt Ion:212 Resp: 19494
Ion Ratio Lower Upper
212 100
106 16.6 12.6 19.0
104 11.4 7.0 10.4#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.495 min Scan# 2485
Delta R.T. 0.000 min
Lab File: BN025408.D
Acq: 11 May 2023 19:31

Tgt Ion:240 Resp: 21895
Ion Ratio Lower Upper
240 100
120 14.0 19.0 28.6#
236 28.5 25.0 37.6

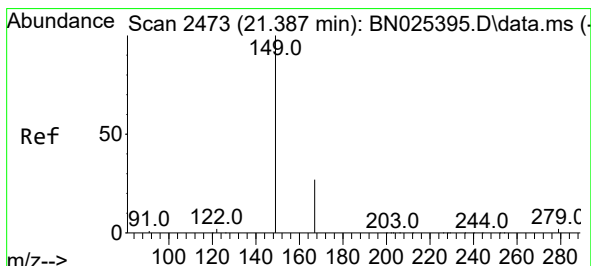
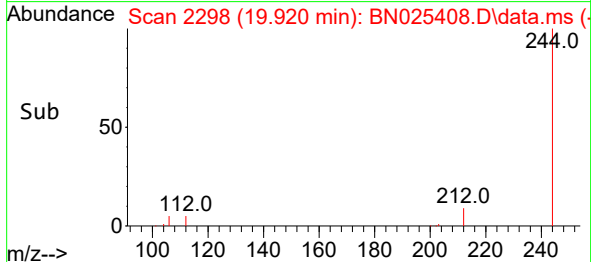
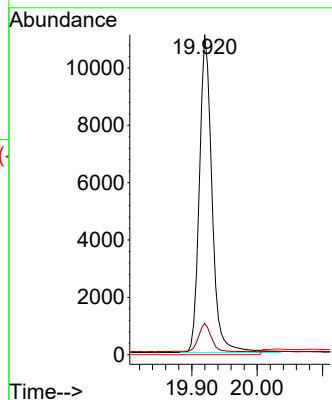
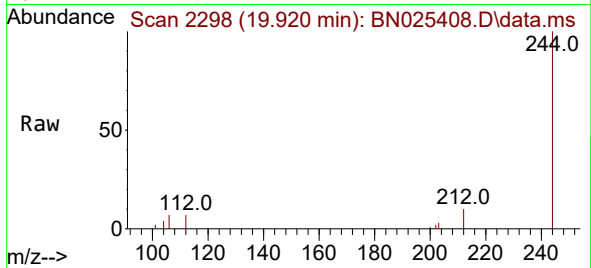




#31
Terphenyl-d14
Concen: 0.310 ng
RT: 19.920 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025408.D
Acq: 11 May 2023 19:31

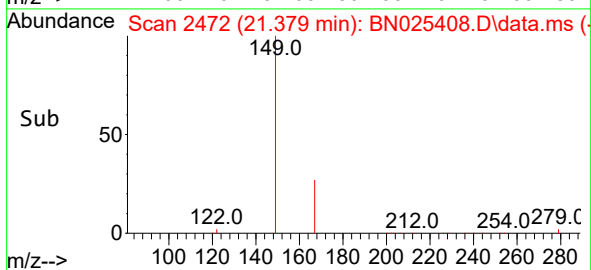
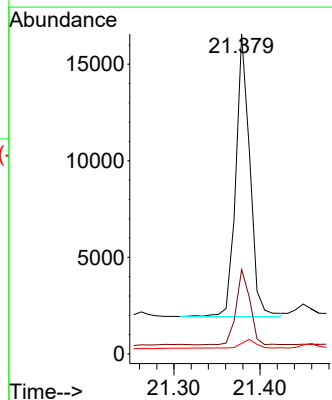
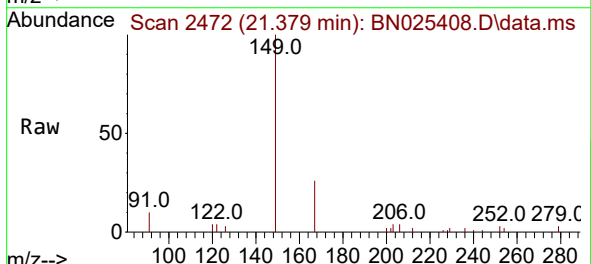
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-30.5-050923

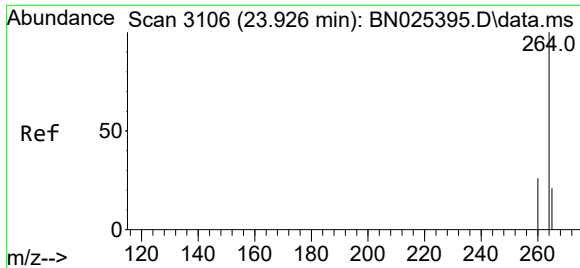
Tgt Ion:244 Resp: 16347
Ion Ratio Lower Upper
244 100
212 9.8 7.5 11.3
122 0.0 0.0 0.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.230 ng
RT: 21.379 min Scan# 2472
Delta R.T. -0.009 min
Lab File: BN025408.D
Acq: 11 May 2023 19:31

Tgt Ion:149 Resp: 16571
Ion Ratio Lower Upper
149 100
167 26.1 21.7 32.5
279 3.4 3.0 4.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.911 min Scan# 31

Delta R.T. -0.014 min

Lab File: BN025408.D

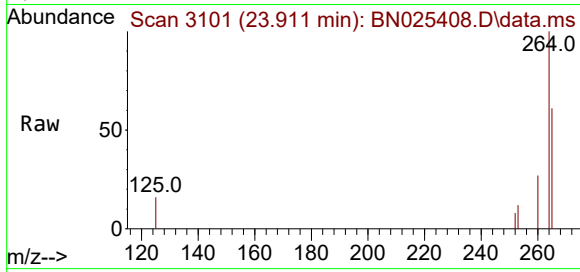
Acq: 11 May 2023 19:31

Instrument :

BNA_N

ClientSampleId :

CB-14-G1-SO-30.5-050923



Tgt Ion:264 Resp: 20581

Ion Ratio Lower Upper

264 100

260 27.1 23.5 35.3

265 61.3 50.9 76.3

