

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
 Data File : BN025403.D
 Acq On : 11 May 2023 16:31
 Operator : CG/JU
 Sample : 02723-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-35.5-050923

Quant Time: May 12 04:00:36 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)

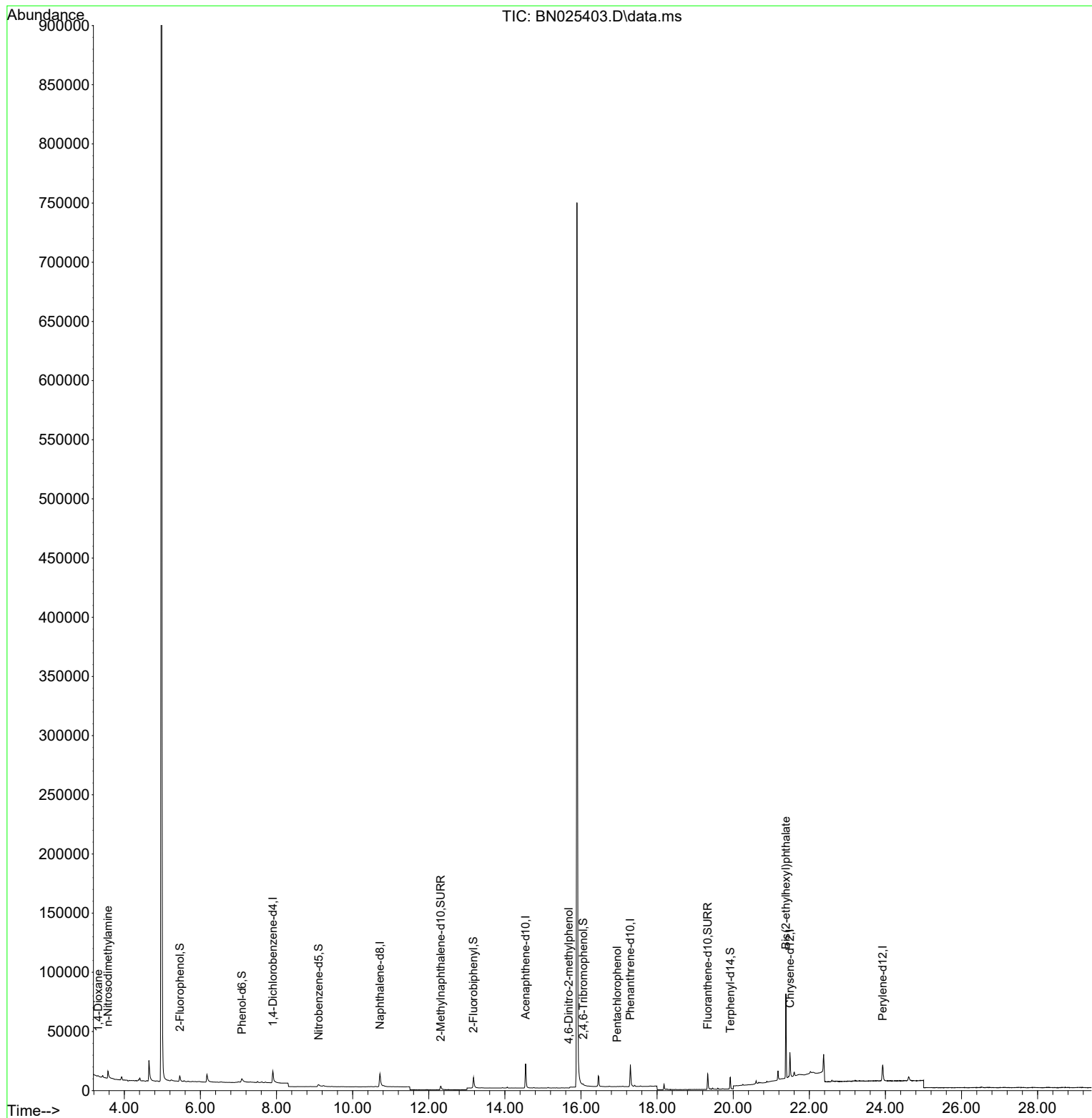
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	6851	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	21598	0.400	ng	0.01
13) Acenaphthene-d10	14.544	164	13261	0.400	ng	0.00
19) Phenanthrene-d10	17.298	188	28713	0.400	ng	0.00
29) Chrysene-d12	21.491	240	21558	0.400	ng	# 0.00
35) Perylene-d12	23.928	264	20019	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	4493	0.283	ng	0.00
5) Phenol-d6	7.088	99	4916	0.228	ng	0.00
8) Nitrobenzene-d5	9.106	82	3097	0.177	ng	0.02
11) 2-Methylnaphthalene-d10	12.313	152	7136	0.251	ng	0.00
14) 2,4,6-Tribromophenol	16.057	330	722	0.102	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	10306	0.224	ng	0.00
27) Fluoranthene-d10	19.330	212	16634	0.253	ng	0.00
31) Terphenyl-d14	19.924	244	12941	0.249	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.318	88	406	0.064	ng	# 65
3) n-Nitrosodimethylamine	3.571	42	1732	0.171	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.678	198	9	0.223	ng	# 1
24) Pentachlorophenol	16.951	266	20	0.101	ng	# 19
34) Bis(2-ethylhexyl)phtha...	21.383	149	60762	0.858	ng	99

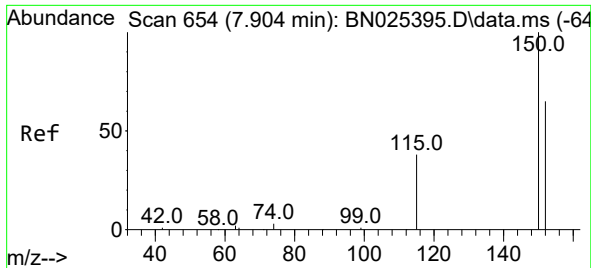
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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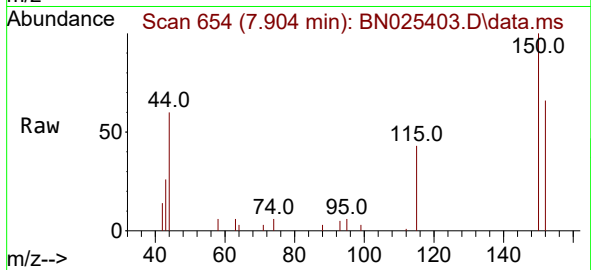
Quant Time: May 12 04:00:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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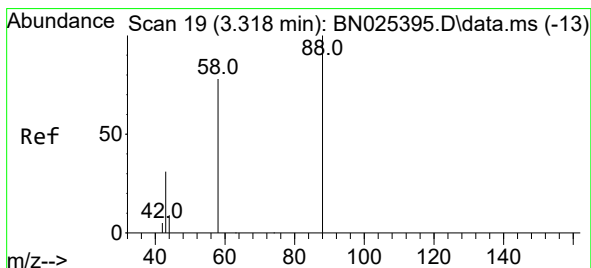
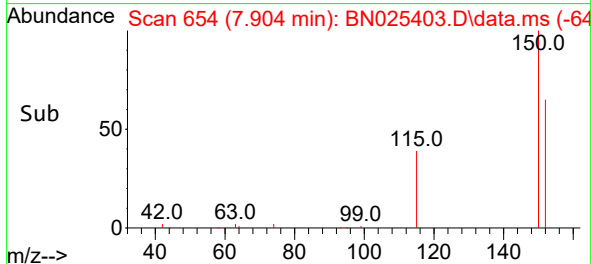
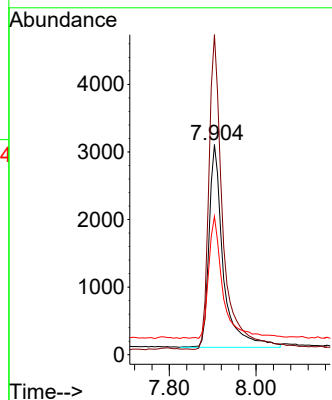


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.904 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN025403.D
 Acq: 11 May 2023 16:31

Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-35.5-050923

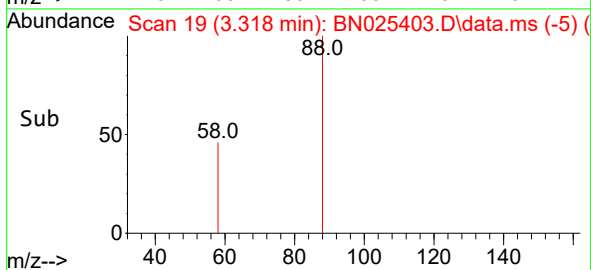
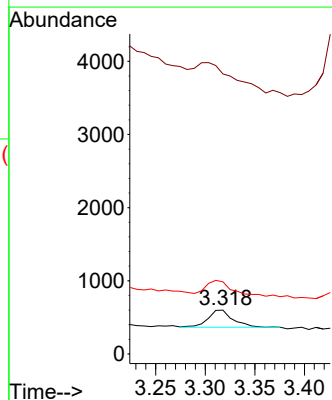
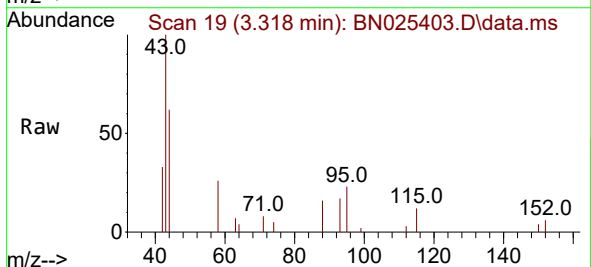


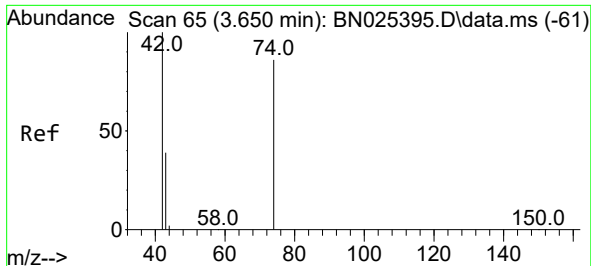
Tgt Ion:152 Resp: 6851
 Ion Ratio Lower Upper
 152 100
 150 152.3 121.4 182.2
 115 65.8 50.6 76.0



#2
 1,4-Dioxane
 Concen: 0.064 ng
 RT: 3.318 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN025403.D
 Acq: 11 May 2023 16:31

Tgt Ion: 88 Resp: 406
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.4 56.2#
 58 105.2 71.5 107.3

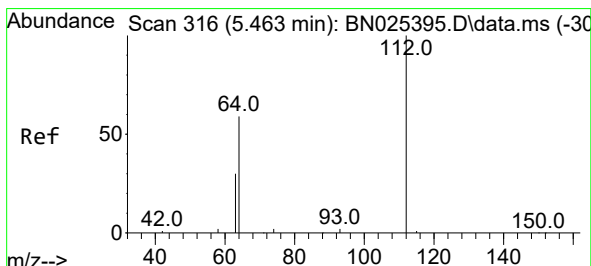
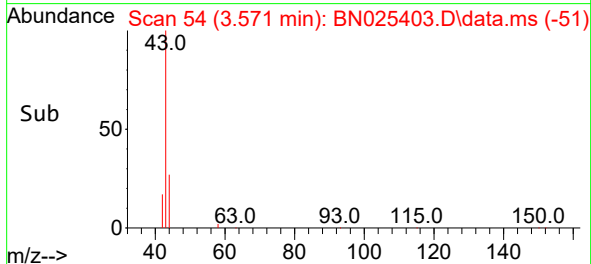
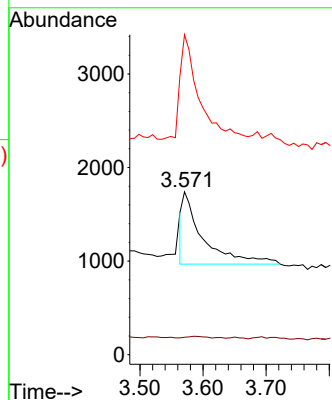
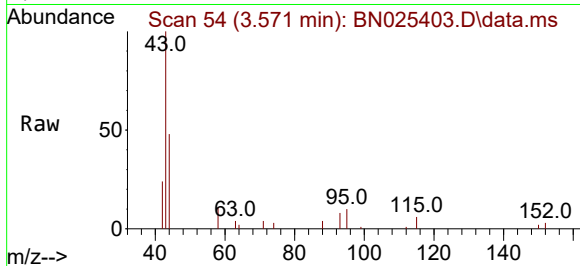




#3
n-Nitrosodimethylamine
Concen: 0.171 ng
RT: 3.571 min Scan# 54
Delta R.T. -0.079 min
Lab File: BN025403.D
Acq: 11 May 2023 16:31

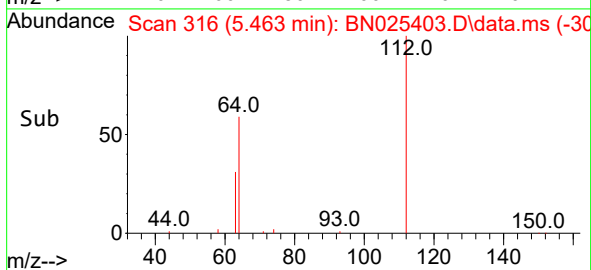
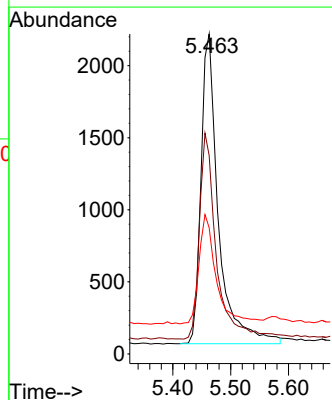
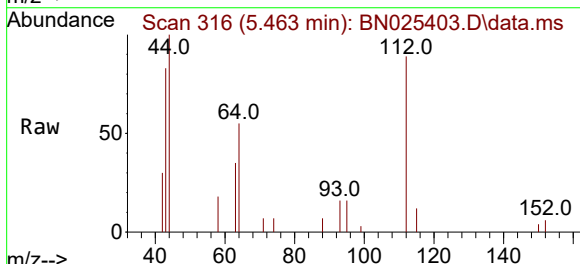
Instrument :
BNA_N
ClientSampleId :
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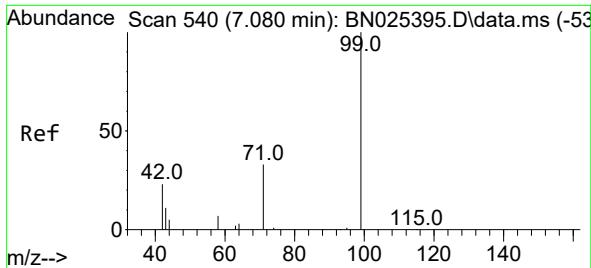
Tgt Ion: 42 Resp: 1732
Ion Ratio Lower Upper
42 100
74 2.5 82.2 123.4#
44 104.9 7.8 11.8#



#4
2-Fluorophenol
Concen: 0.283 ng
RT: 5.463 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN025403.D
Acq: 11 May 2023 16:31

Tgt Ion: 112 Resp: 4493
Ion Ratio Lower Upper
112 100
64 65.3 51.9 77.9
63 35.2 27.4 41.2

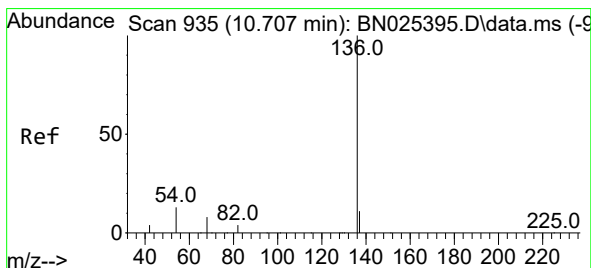
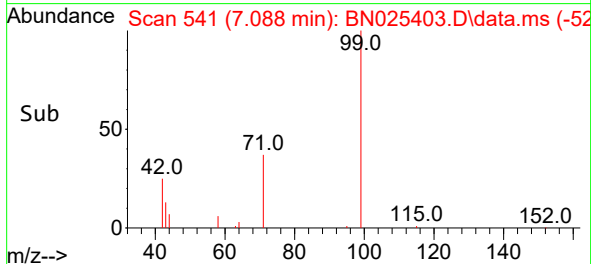
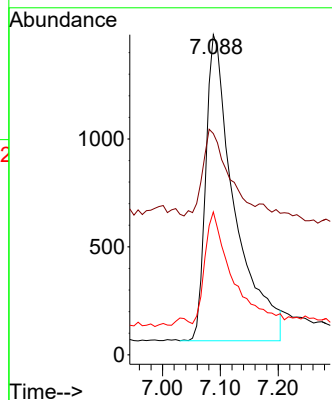
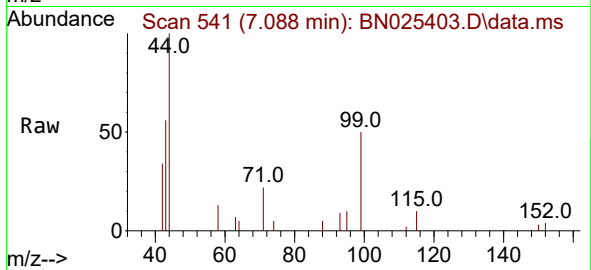




#5
Phenol-d6
Concen: 0.228 ng
RT: 7.088 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN025403.D
Acq: 11 May 2023 16:31

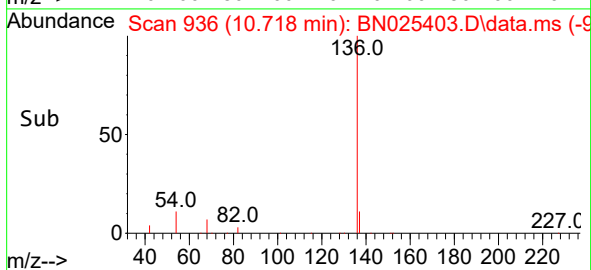
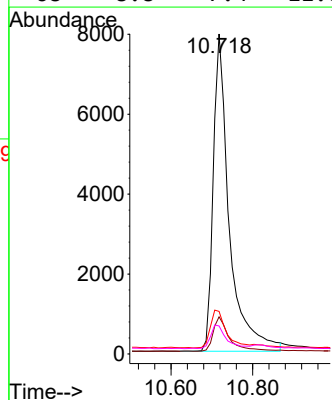
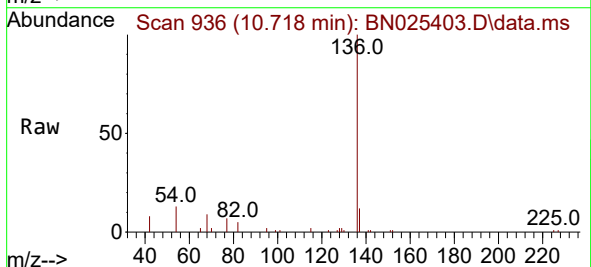
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-35.5-050923

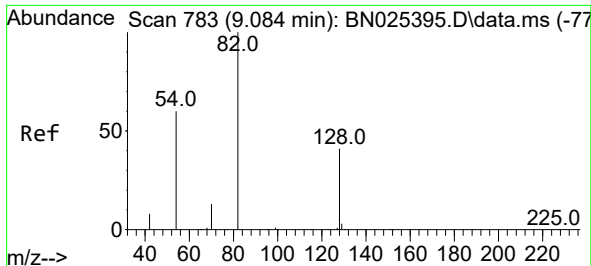
Tgt Ion: 99 Resp: 4916
Ion Ratio Lower Upper
99 100
42 25.0 23.5 35.3
71 33.7 28.1 42.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN025403.D
Acq: 11 May 2023 16:31

Tgt Ion:136 Resp: 21598
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 13.3 11.2 16.8
68 8.8 7.4 11.0

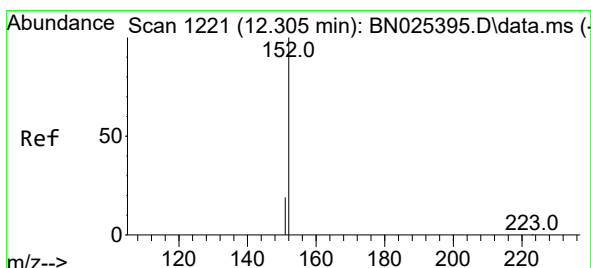
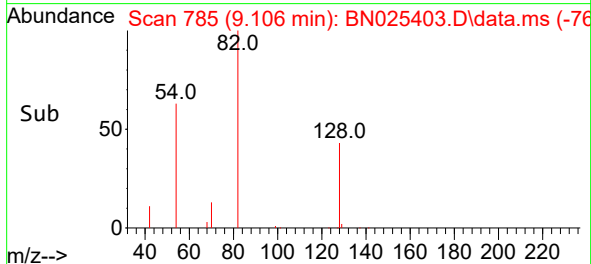
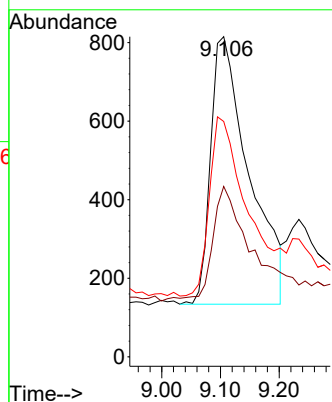
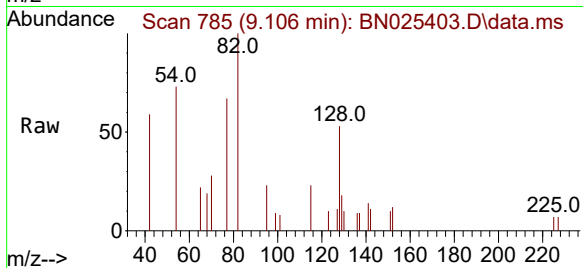




#8
 Nitrobenzene-d5
 Concen: 0.177 ng
 RT: 9.106 min Scan# 71
 Delta R.T. 0.022 min
 Lab File: BN025403.D
 Acq: 11 May 2023 16:31

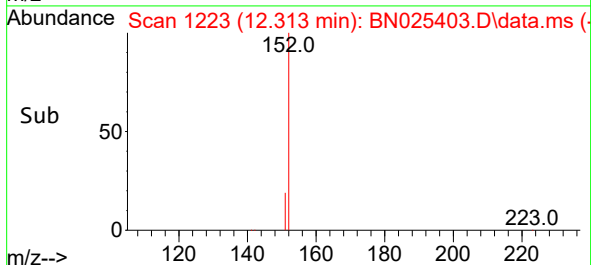
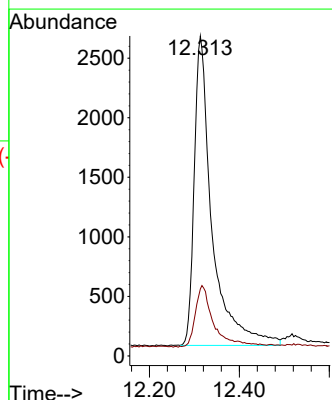
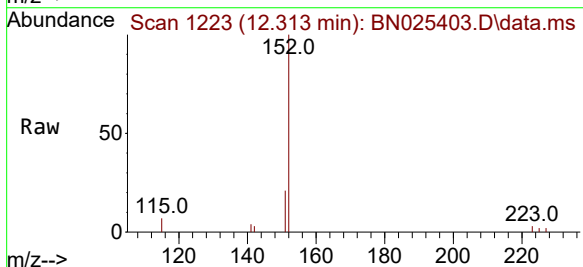
Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-35.5-050923

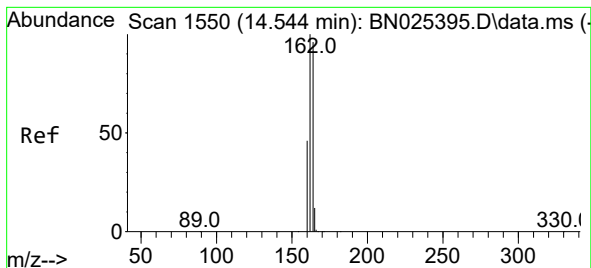
Tgt Ion:	82	Resp:	3097
Ion	Ratio	Lower	Upper
82	100		
128	53.3	35.8	53.8
54	73.5	50.4	75.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.251 ng
 RT: 12.313 min Scan# 1223
 Delta R.T. 0.008 min
 Lab File: BN025403.D
 Acq: 11 May 2023 16:31

Tgt Ion:	152	Resp:	7136
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.544 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN025403.D

Acq: 11 May 2023 16:31

Instrument :

BNA_N

ClientSampleId :

CB-14-G1-SO-35.5-050923

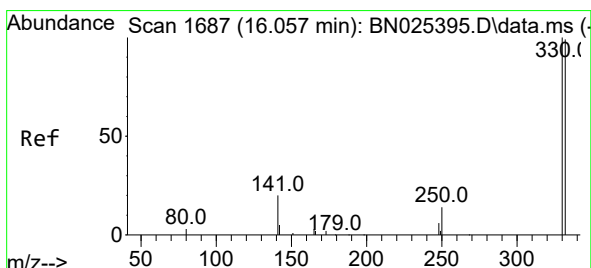
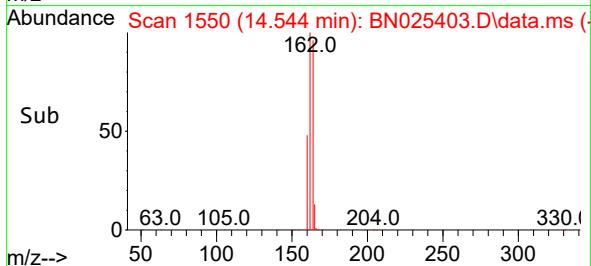
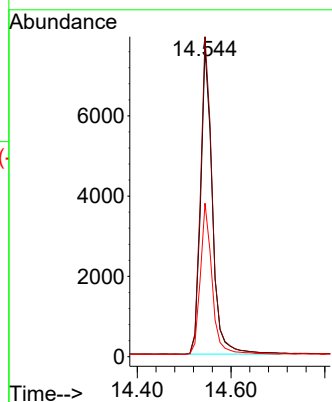
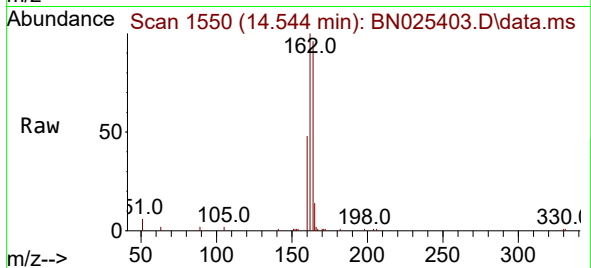
Tgt Ion:164 Resp: 13261

Ion Ratio Lower Upper

164 100

162 103.8 83.2 124.8

160 49.8 38.8 58.2



#14

2,4,6-Tribromophenol

Concen: 0.102 ng

RT: 16.057 min Scan# 1687

Delta R.T. 0.000 min

Lab File: BN025403.D

Acq: 11 May 2023 16:31

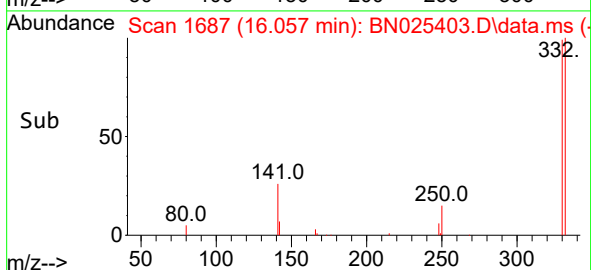
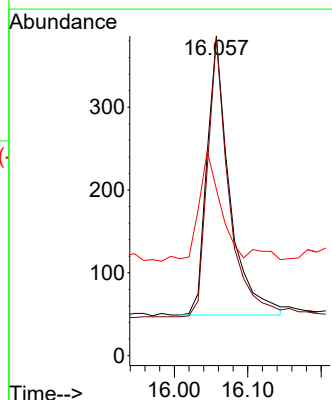
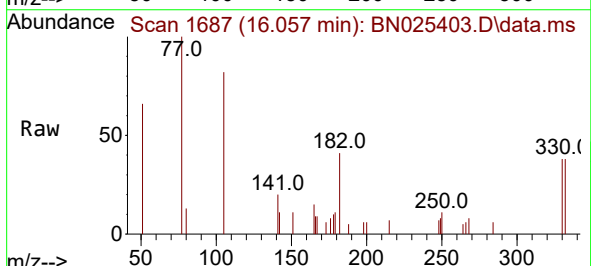
Tgt Ion:330 Resp: 722

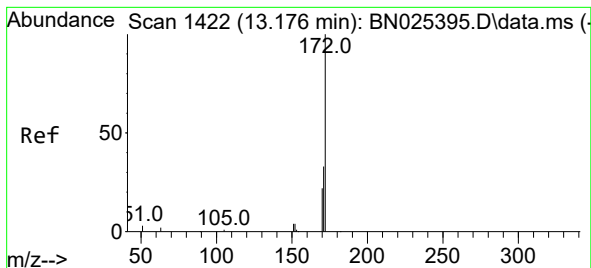
Ion Ratio Lower Upper

330 100

332 94.5 78.0 117.0

141 37.4 30.2 45.2

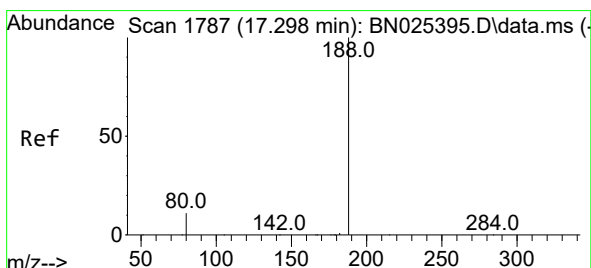
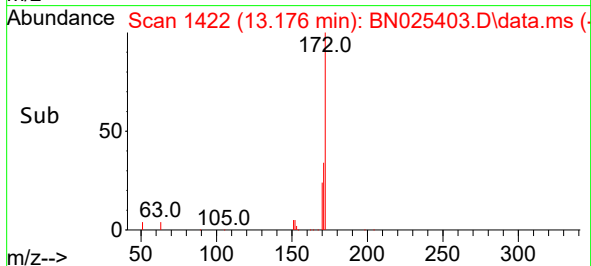
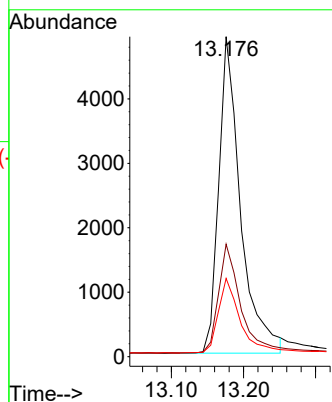
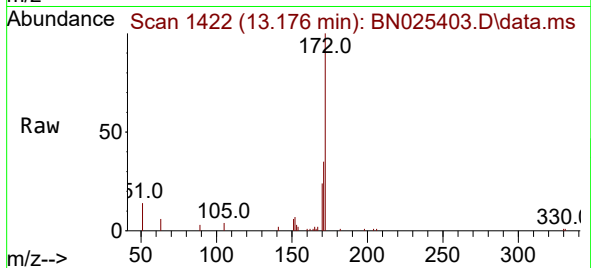




#15
2-Fluorobiphenyl
Concen: 0.224 ng
RT: 13.176 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN025403.D
Acq: 11 May 2023 16:31

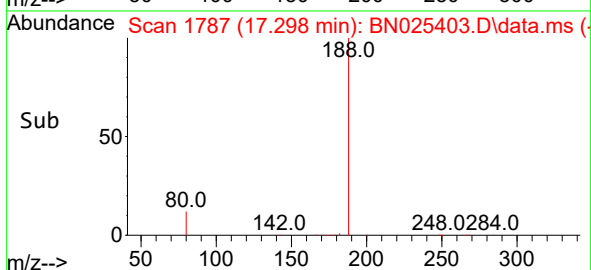
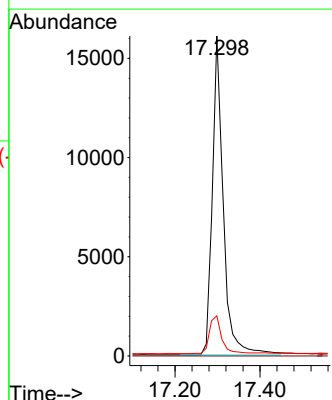
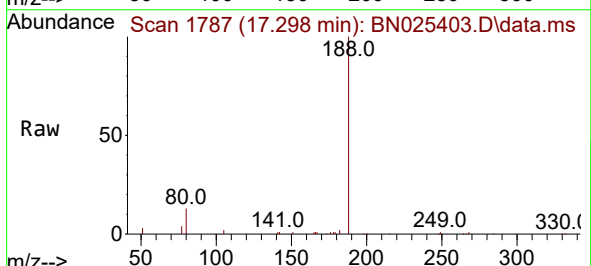
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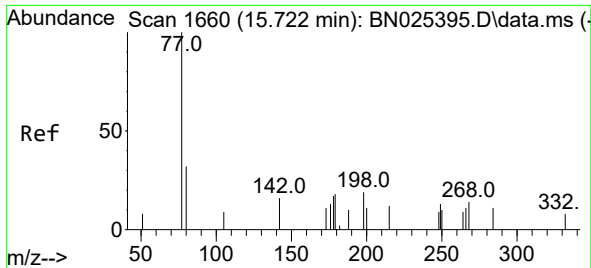
Tgt Ion:172 Resp: 10306
Ion Ratio Lower Upper
172 100
171 35.2 26.7 40.1
170 24.5 17.8 26.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.298 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN025403.D
Acq: 11 May 2023 16:31

Tgt Ion:188 Resp: 28713
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 9.4 14.2

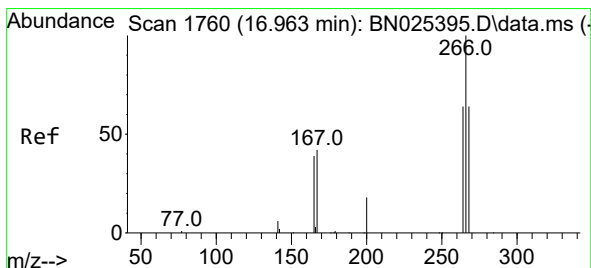
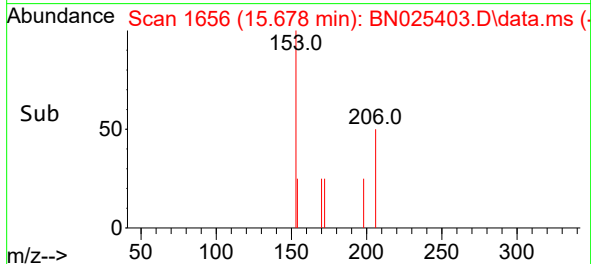
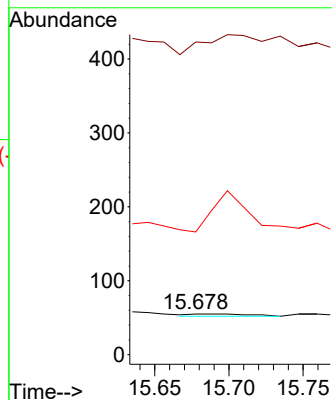
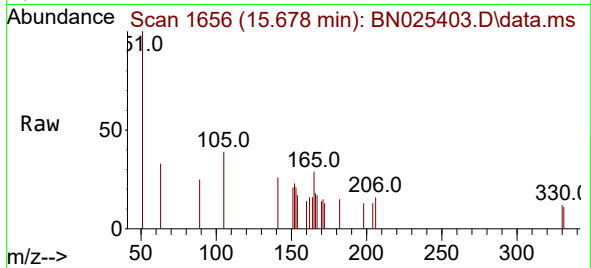




#20
4,6-Dinitro-2-methylphenol
Concen: 0.223 ng
RT: 15.678 min Scan# 11
Delta R.T. -0.044 min
Lab File: BN025403.D
Acq: 11 May 2023 16:31

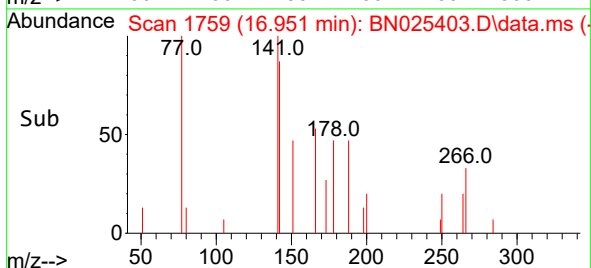
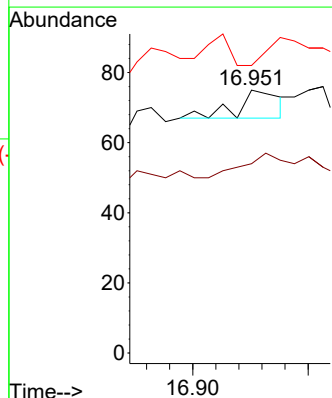
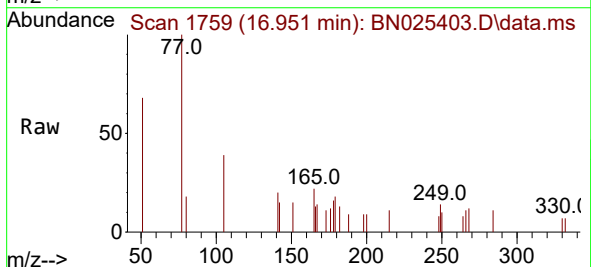
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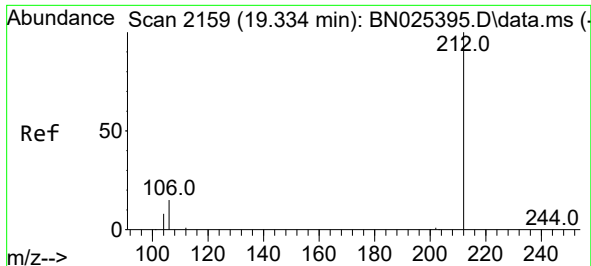
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 769.1 259.2 388.8#
105 301.8 112.6 168.8#



#24
Pentachlorophenol
Concen: 0.101 ng
RT: 16.951 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BN025403.D
Acq: 11 May 2023 16:31

Tgt Ion:266 Resp: 20
Ion Ratio Lower Upper
266 100
264 0.0 50.1 75.1#
268 0.0 49.3 73.9#

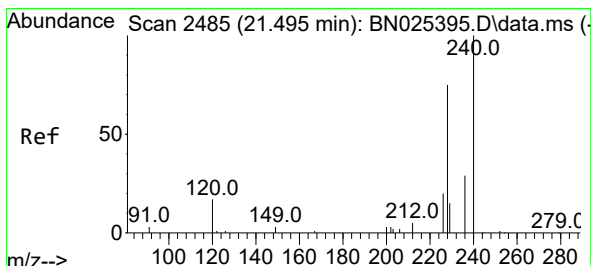
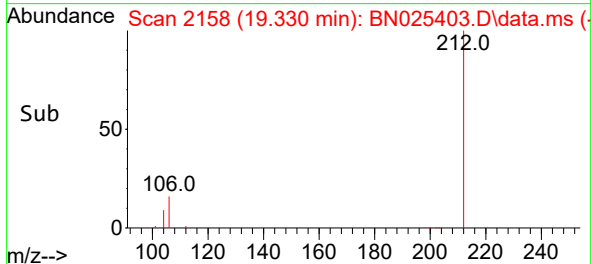
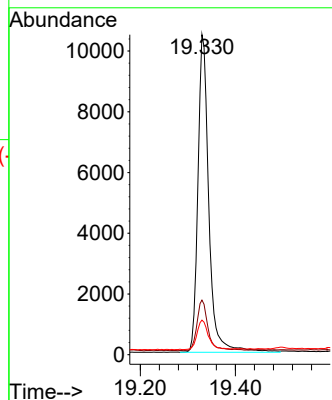
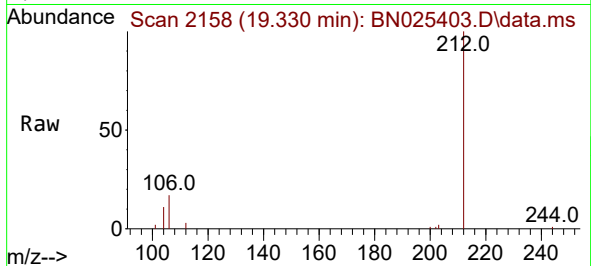




#27
Fluoranthene-d10
Concen: 0.253 ng
RT: 19.330 min Scan# 2159
Delta R.T. -0.004 min
Lab File: BN025403.D
Acq: 11 May 2023 16:31

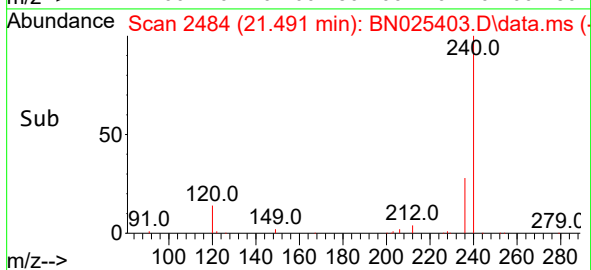
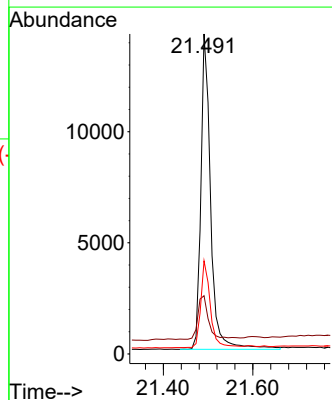
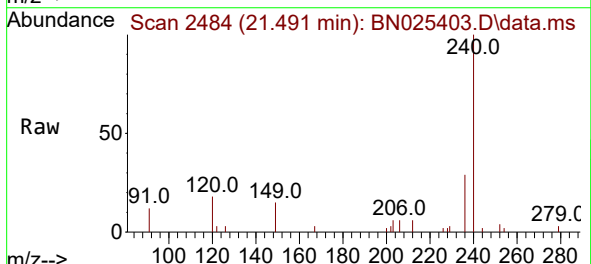
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-35.5-050923

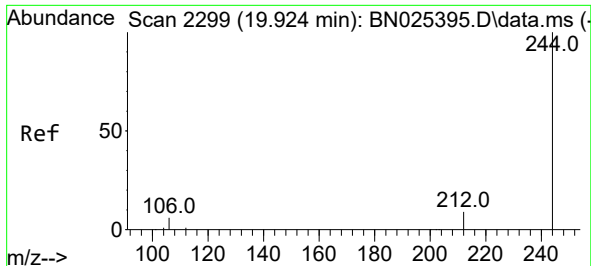
Tgt Ion:212 Resp: 16634
Ion Ratio Lower Upper
212 100
106 16.0 12.6 19.0
104 9.7 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.491 min Scan# 2484
Delta R.T. -0.004 min
Lab File: BN025403.D
Acq: 11 May 2023 16:31

Tgt Ion:240 Resp: 21558
Ion Ratio Lower Upper
240 100
120 18.2 19.0 28.6#
236 29.1 25.0 37.6

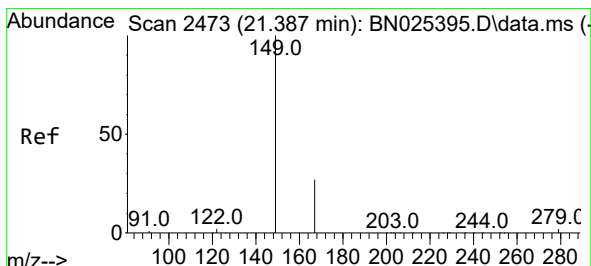
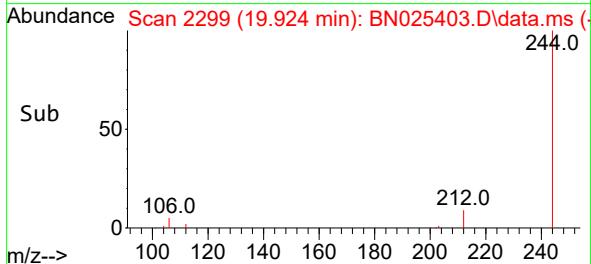
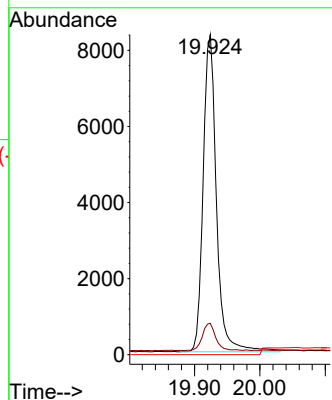
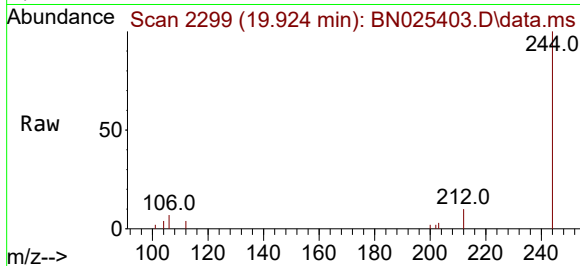




#31
 Terphenyl-d14
 Concen: 0.249 ng
 RT: 19.924 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN025403.D
 Acq: 11 May 2023 16:31

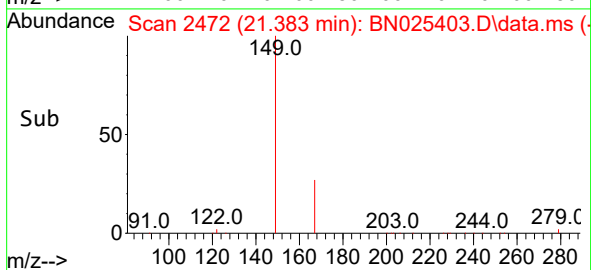
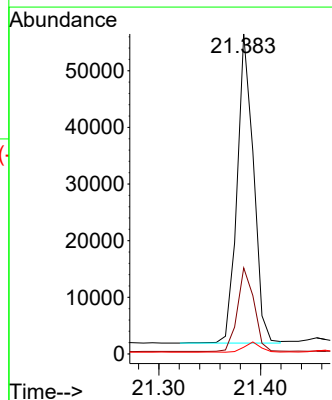
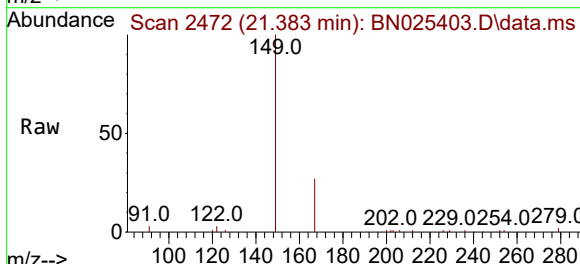
Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-35.5-050923

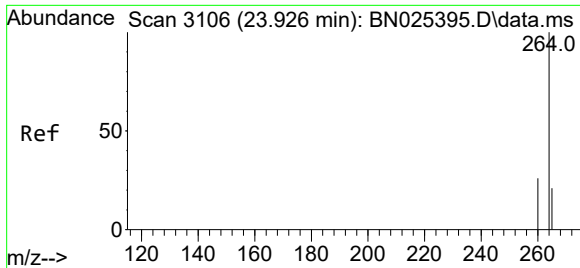
Tgt Ion:244 Resp: 12941
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.5 11.3
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.858 ng
 RT: 21.383 min Scan# 2472
 Delta R.T. -0.004 min
 Lab File: BN025403.D
 Acq: 11 May 2023 16:31

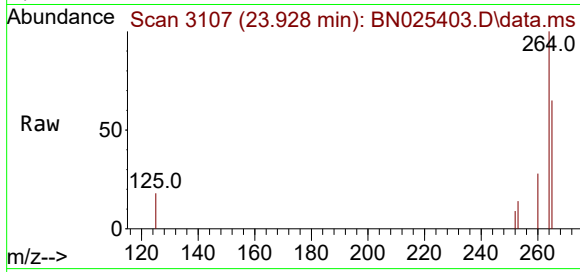
Tgt Ion:149 Resp: 60762
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.7 32.5
 279 3.3 3.0 4.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.928 min Scan# 31
 Delta R.T. 0.002 min
 Lab File: BN025403.D
 Acq: 11 May 2023 16:31

Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-35.5-050923



Tgt Ion:264 Resp: 20019
 Ion Ratio Lower Upper
 264 100
 260 27.9 23.5 35.3
 265 64.6 50.9 76.3

