

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
 Data File : BN025420.D
 Acq On : 12 May 2023 03:18
 Operator : CG/JU
 Sample : 02723-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-55-050923

Quant Time: May 12 04:13:23 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)

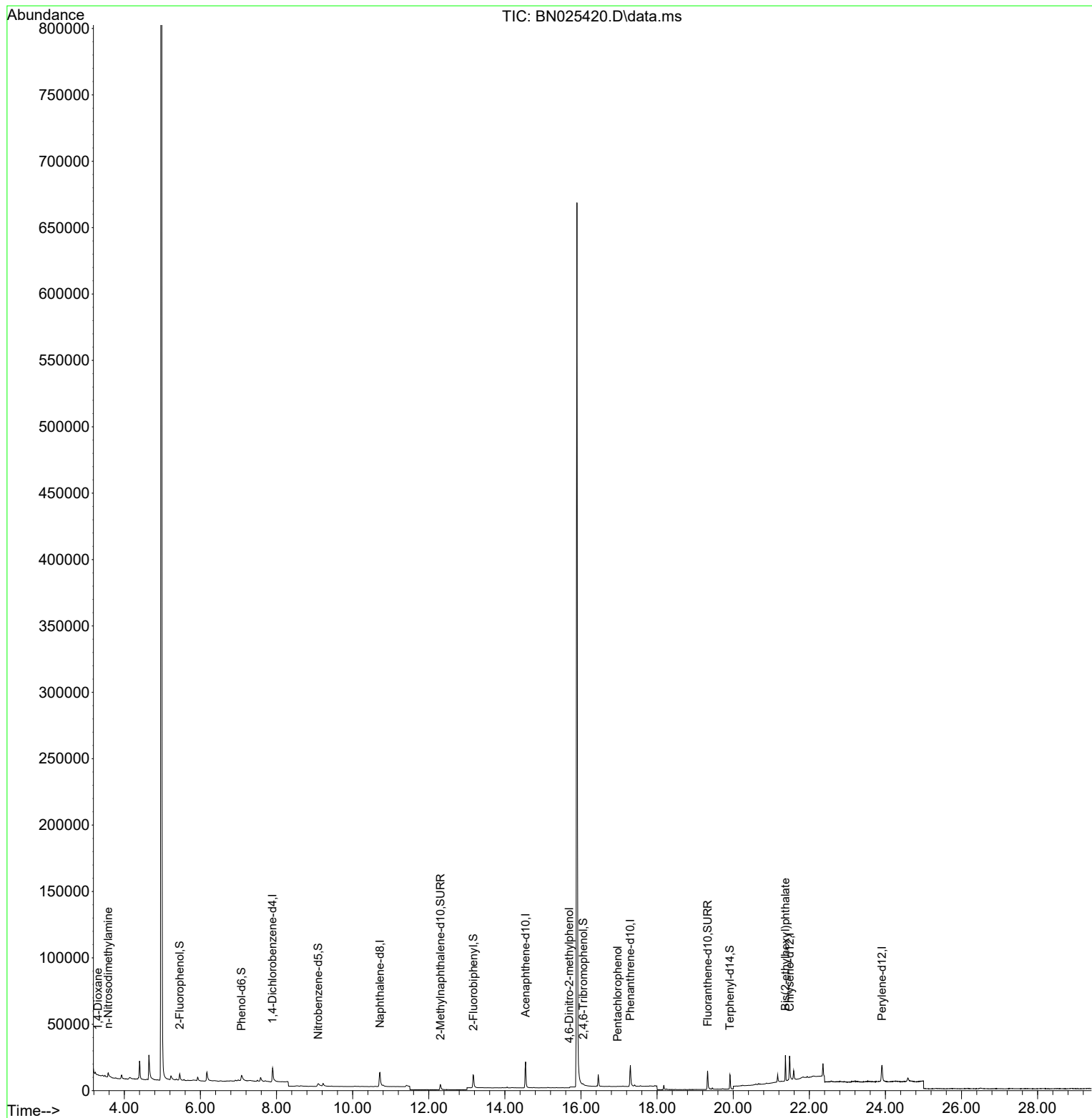
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	6772	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	21211	0.400	ng	0.01
13) Acenaphthene-d10	14.544	164	12815	0.400	ng	0.00
19) Phenanthrene-d10	17.298	188	27372	0.400	ng	0.00
29) Chrysene-d12	21.482	240	20463	0.400	ng	#-0.01
35) Perylene-d12	23.910	264	18476	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.456	112	4699	0.299	ng	0.00
5) Phenol-d6	7.081	99	5272	0.247	ng	0.00
8) Nitrobenzene-d5	9.095	82	3453	0.201	ng	0.01
11) 2-Methylnaphthalene-d10	12.306	152	7942	0.284	ng	0.00
14) 2,4,6-Tribromophenol	16.057	330	660	0.097	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	11718	0.263	ng	0.00
27) Fluoranthene-d10	19.330	212	17742	0.283	ng	0.00
31) Terphenyl-d14	19.916	244	13845	0.281	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	180	0.029	ng	# 13
3) n-Nitrosodimethylamine	3.578	42	1158	0.115	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.688	198	5	0.221	ng	# 1
24) Pentachlorophenol	16.963	266	30	0.102	ng	# 41
34) Bis(2-ethylhexyl)phtha...	21.374	149	16843	0.251	ng	99

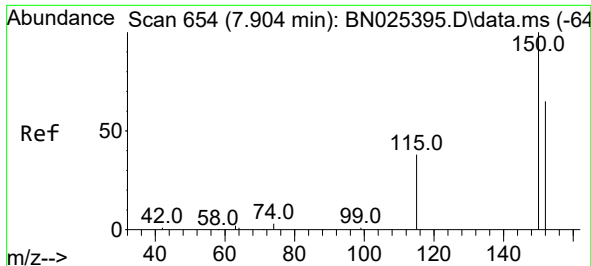
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025420.D
Acq On : 12 May 2023 03:18
Operator : CG/JU
Sample : 02723-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-55-050923

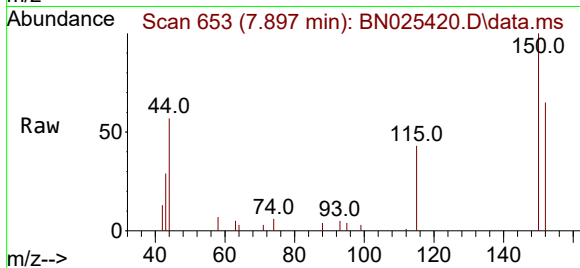
Quant Time: May 12 04:13:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 00:57:16 2023
Response via : Initial Calibration



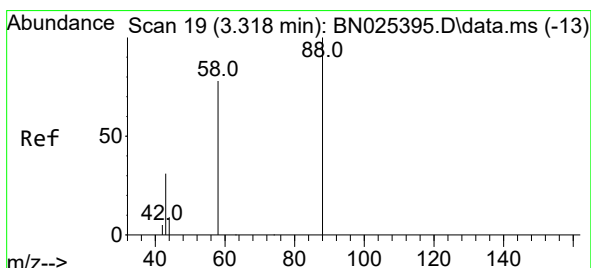
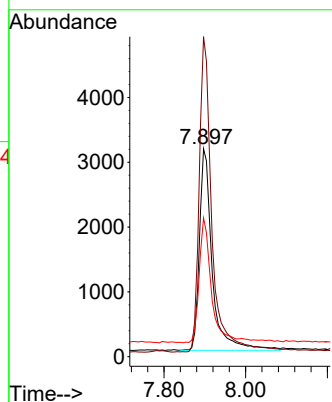
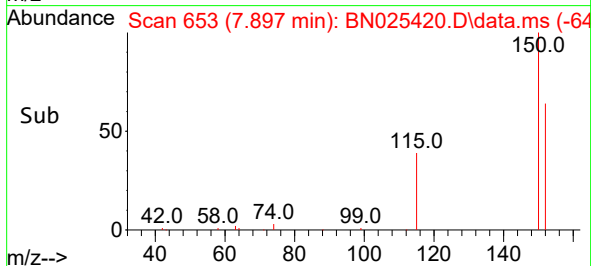


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.897 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN025420.D
 Acq: 12 May 2023 03:18

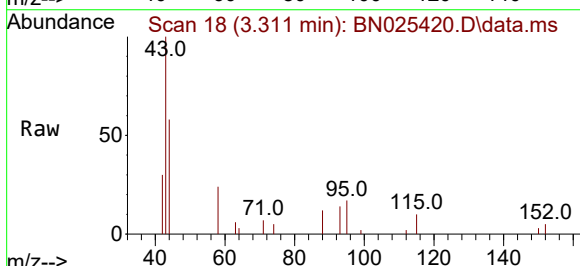
Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-55-050923



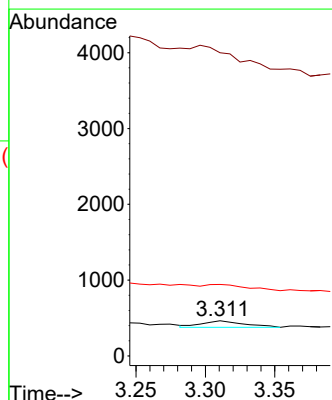
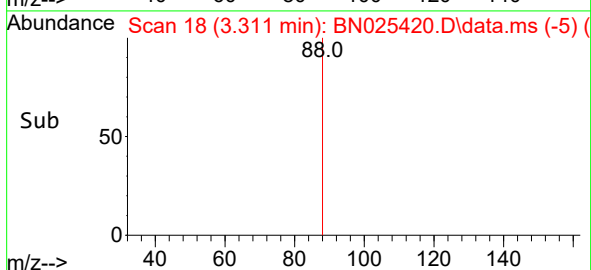
Tgt Ion:152 Resp: 6772
 Ion Ratio Lower Upper
 152 100
 150 153.8 121.4 182.2
 115 66.6 50.6 76.0

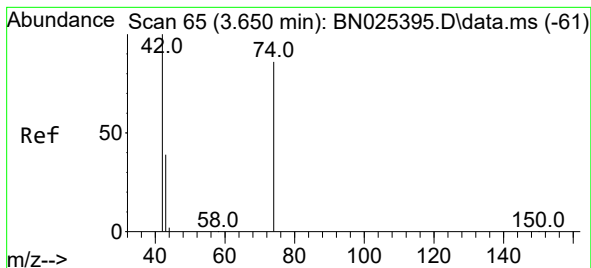


#2
 1,4-Dioxane
 Concen: 0.029 ng
 RT: 3.311 min Scan# 18
 Delta R.T. -0.007 min
 Lab File: BN025420.D
 Acq: 12 May 2023 03:18



Tgt Ion: 88 Resp: 180
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.4 56.2#
 58 0.0 71.5 107.3#





#3

n-Nitrosodimethylamine

Concen: 0.115 ng

RT: 3.578 min Scan# 51

Delta R.T. -0.072 min

Lab File: BN025420.D

Acq: 12 May 2023 03:18

Instrument :

BNA_N

ClientSampleId :

CB-14-G1-SO-55-050923

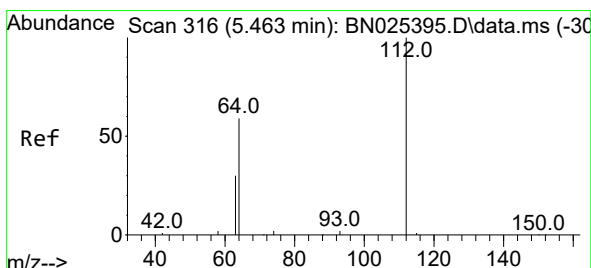
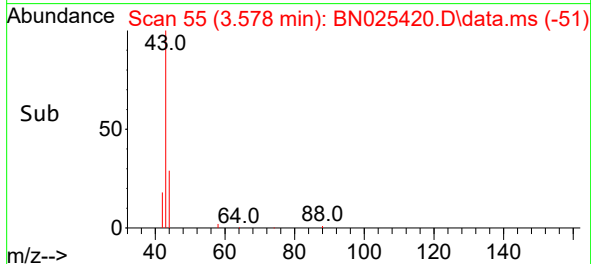
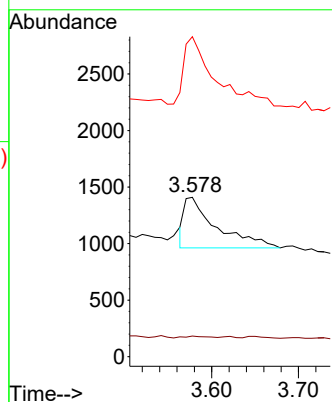
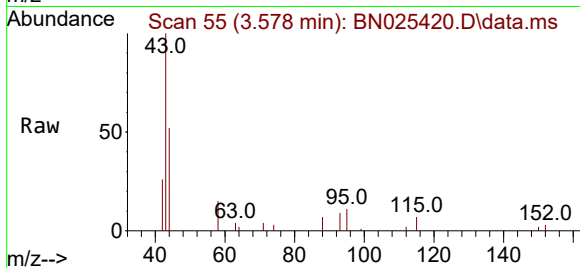
Tgt Ion: 42 Resp: 1158

Ion Ratio Lower Upper

42 100

74 1.0 82.2 123.4#

44 130.4 7.8 11.8#



#4

2-Fluorophenol

Concen: 0.299 ng

RT: 5.456 min Scan# 315

Delta R.T. -0.007 min

Lab File: BN025420.D

Acq: 12 May 2023 03:18

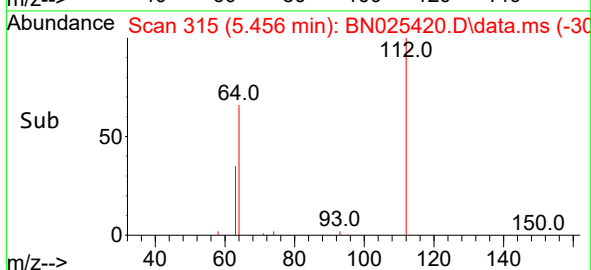
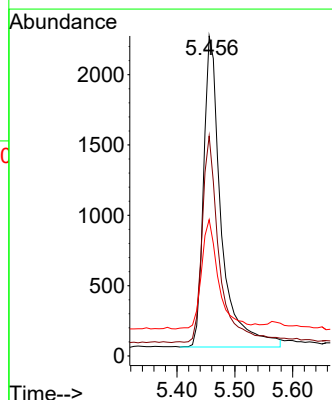
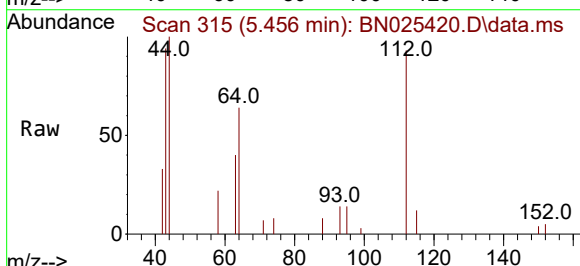
Tgt Ion: 112 Resp: 4699

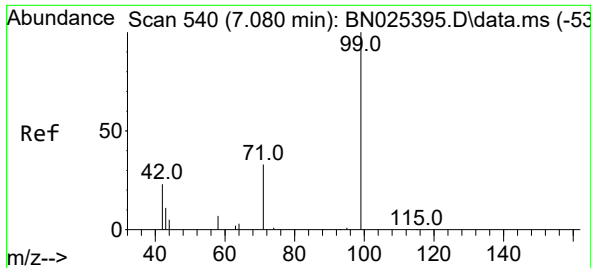
Ion Ratio Lower Upper

112 100

64 64.7 51.9 77.9

63 33.8 27.4 41.2

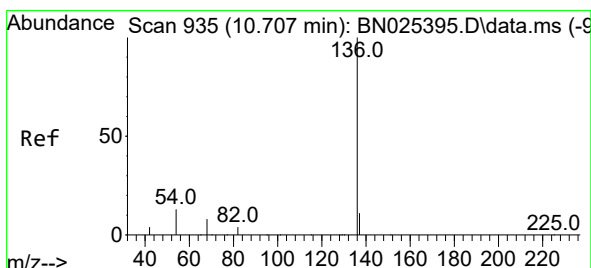
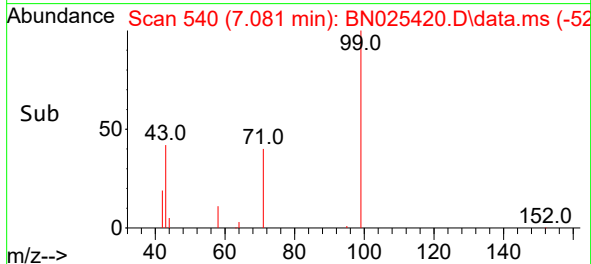
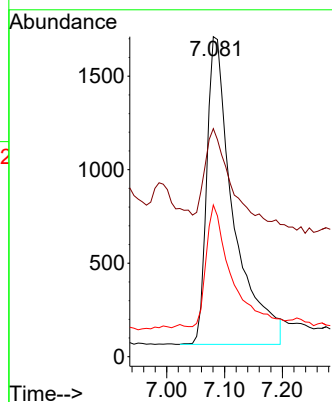
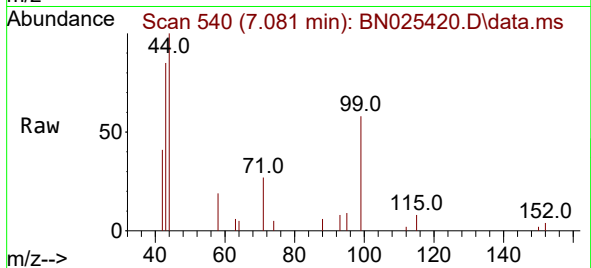




#5
Phenol-d6
Concen: 0.247 ng
RT: 7.081 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN025420.D
Acq: 12 May 2023 03:18

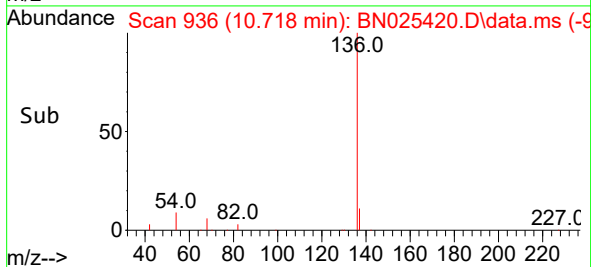
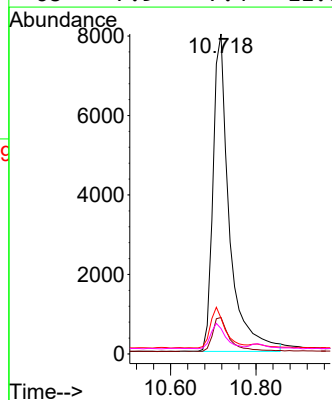
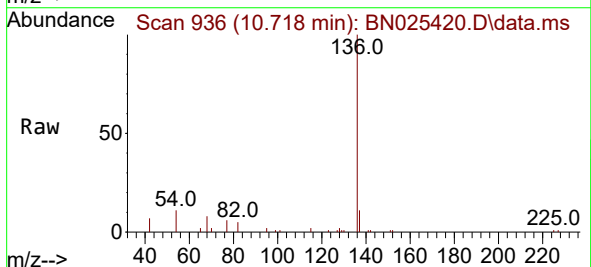
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-55-050923

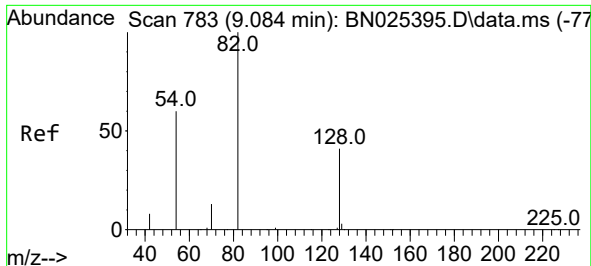
Tgt Ion: 99 Resp: 5272
Ion Ratio Lower Upper
99 100
42 29.8 23.5 35.3
71 37.1 28.1 42.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN025420.D
Acq: 12 May 2023 03:18

Tgt Ion: 136 Resp: 21211
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 11.2 11.2 16.8
68 7.9 7.4 11.0

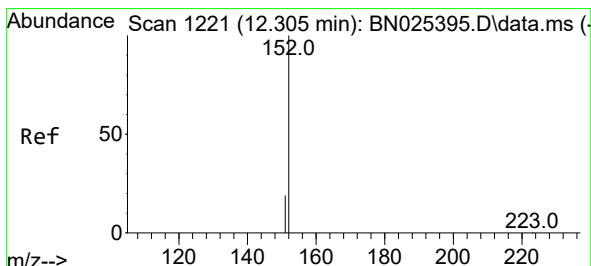
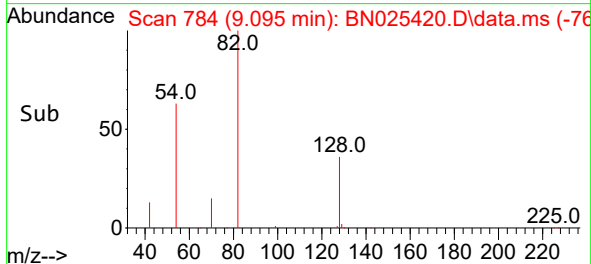
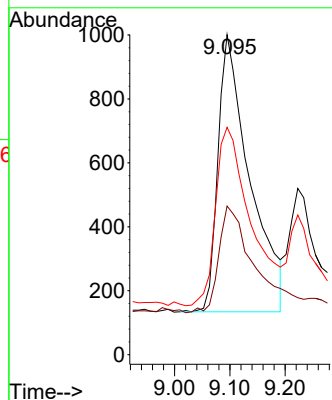
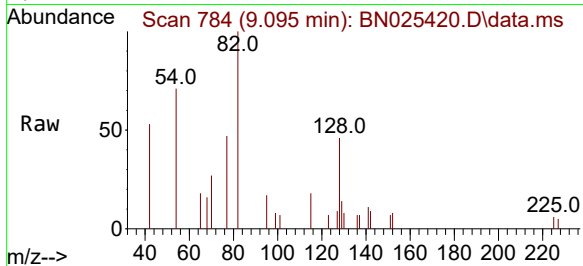




#8
Nitrobenzene-d5
Concen: 0.201 ng
RT: 9.095 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN025420.D
Acq: 12 May 2023 03:18

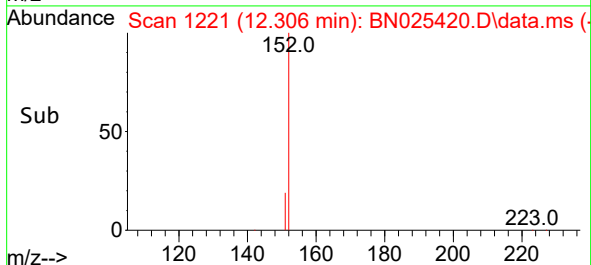
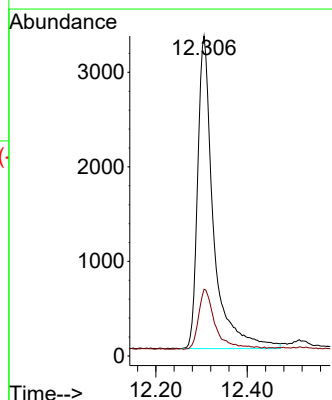
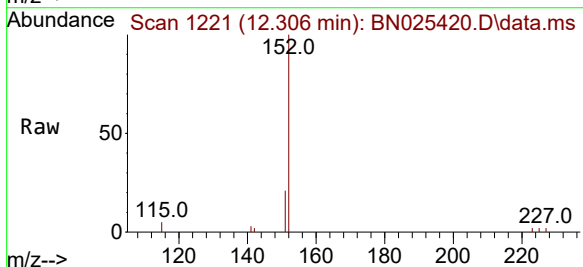
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-55-050923

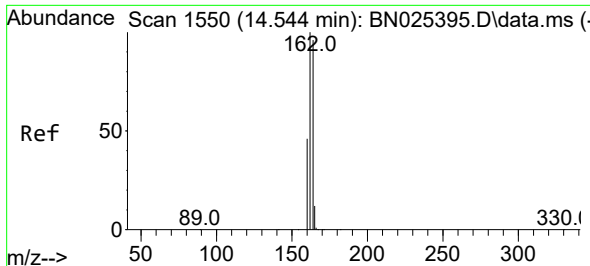
Tgt Ion: 82 Resp: 3453
Ion Ratio Lower Upper
82 100
128 46.5 35.8 53.8
54 71.0 50.4 75.6



#11
2-Methylnaphthalene-d10
Concen: 0.284 ng
RT: 12.306 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BN025420.D
Acq: 12 May 2023 03:18

Tgt Ion:152 Resp: 7942
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1

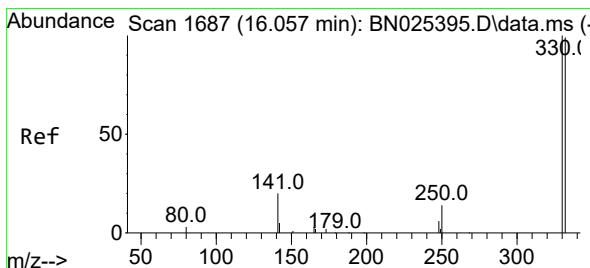
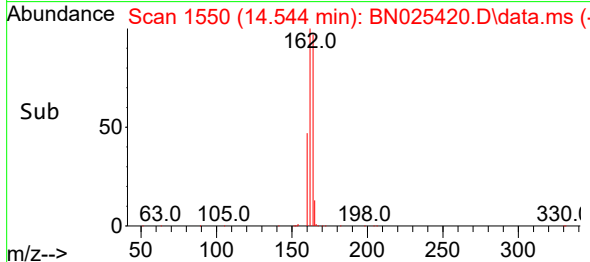
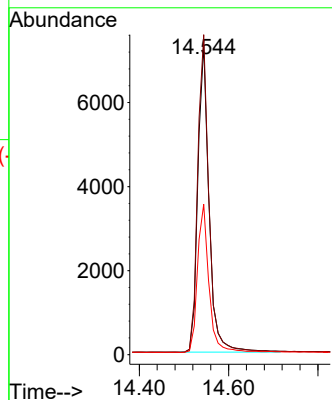
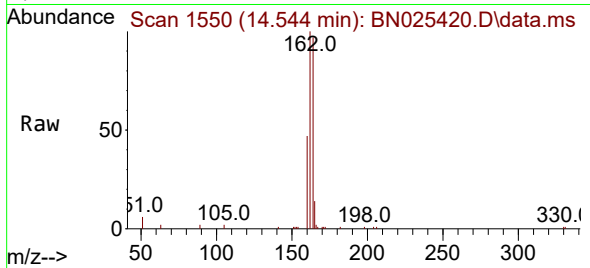




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN025420.D
Acq: 12 May 2023 03:18

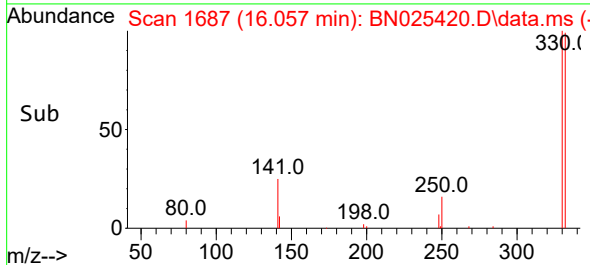
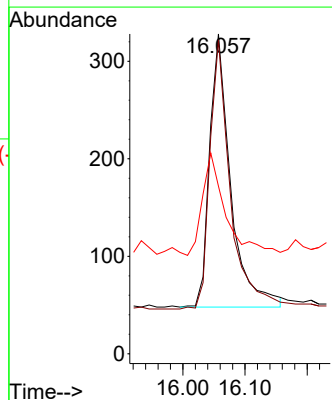
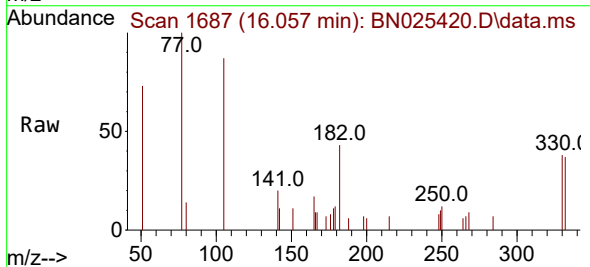
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-55-050923

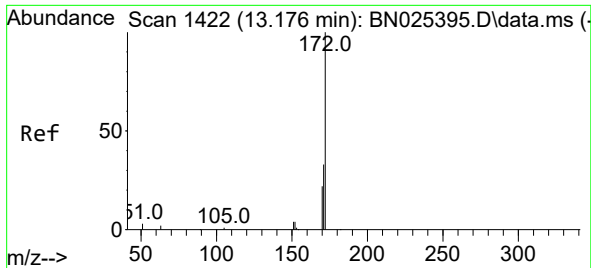
Tgt Ion:164 Resp: 12815
Ion Ratio Lower Upper
164 100
162 103.4 83.2 124.8
160 48.6 38.8 58.2



#14
2,4,6-Tribromophenol
Concen: 0.097 ng
RT: 16.057 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BN025420.D
Acq: 12 May 2023 03:18

Tgt Ion:330 Resp: 660
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 41.5 30.2 45.2

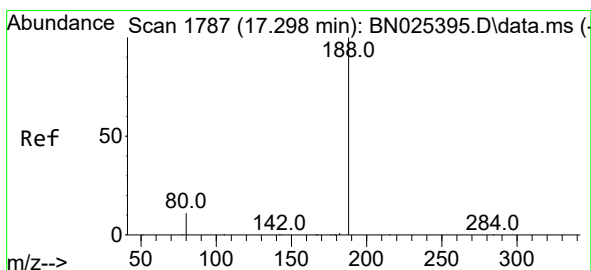
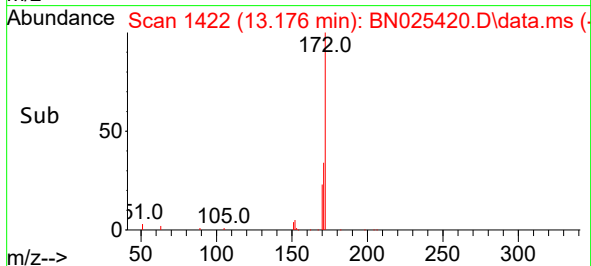
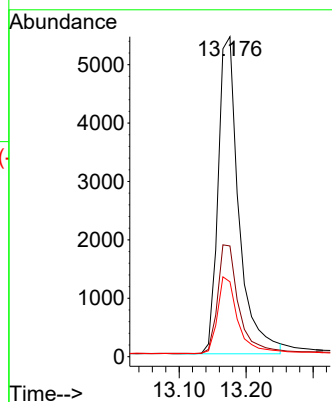
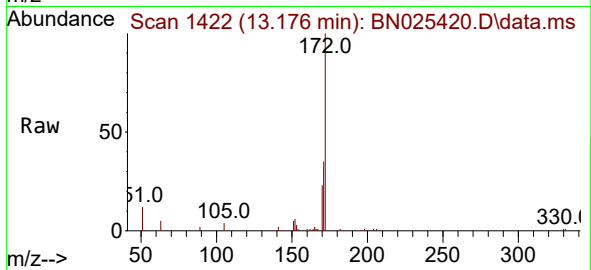




#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 13.176 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN025420.D
Acq: 12 May 2023 03:18

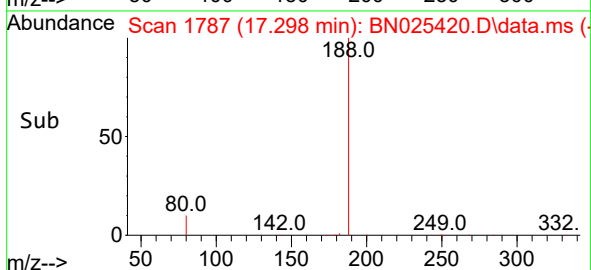
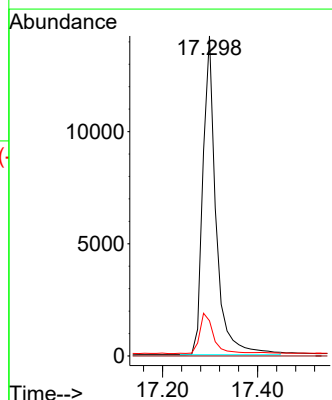
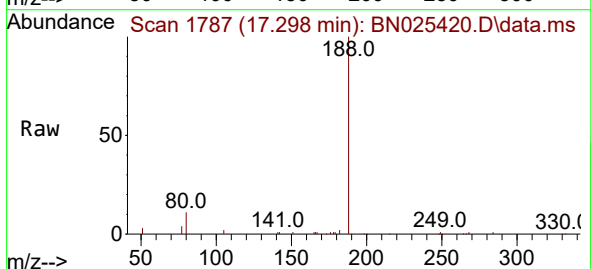
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-55-050923

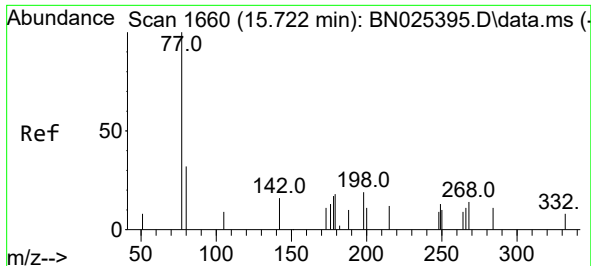
Tgt Ion:	172	Resp:	11718
Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.7	40.1
170	23.4	17.8	26.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.298 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN025420.D
Acq: 12 May 2023 03:18

Tgt Ion:	188	Resp:	27372
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	9.4	14.2

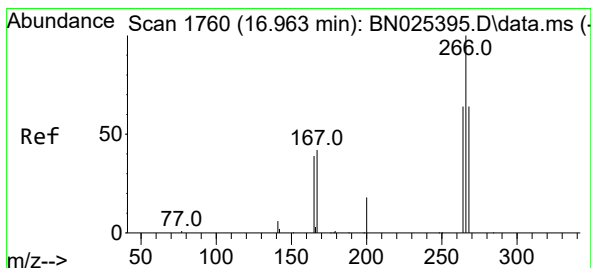
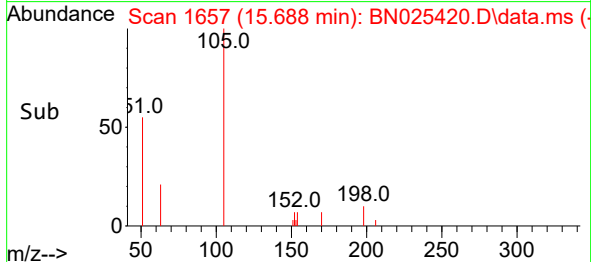
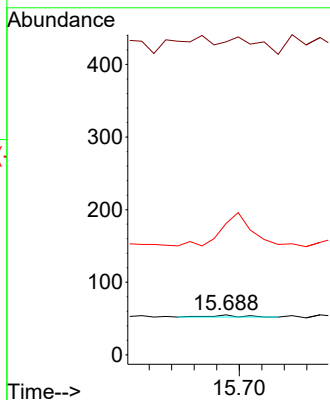
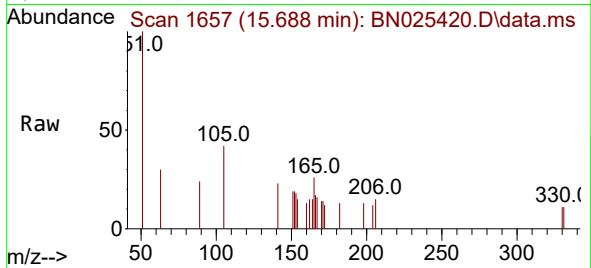




#20
4,6-Dinitro-2-methylphenol
Concen: 0.221 ng
RT: 15.688 min Scan# 1657
Delta R.T. -0.034 min
Lab File: BN025420.D
Acq: 12 May 2023 03:18

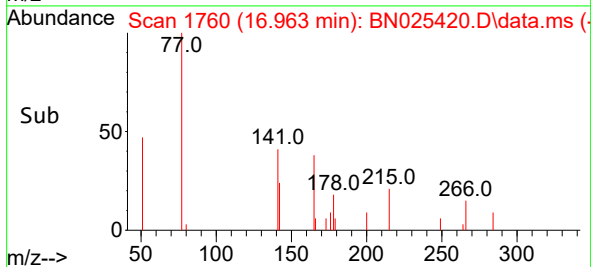
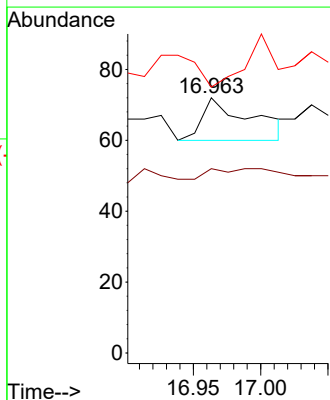
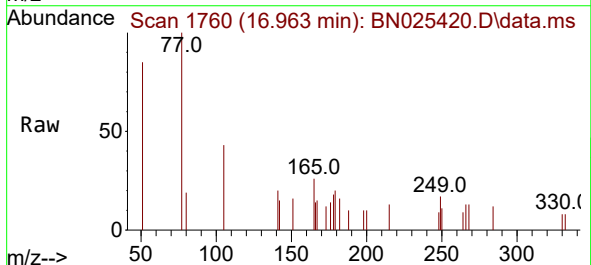
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-55-050923

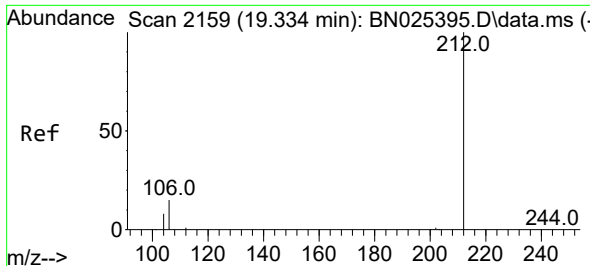
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 783.6 259.2 388.8#
105 329.1 112.6 168.8#



#24
Pentachlorophenol
Concen: 0.102 ng
RT: 16.963 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN025420.D
Acq: 12 May 2023 03:18

Tgt Ion:266 Resp: 30
Ion Ratio Lower Upper
266 100
264 33.3 50.1 75.1#
268 0.0 49.3 73.9#

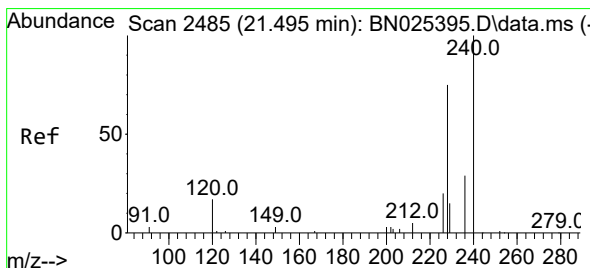
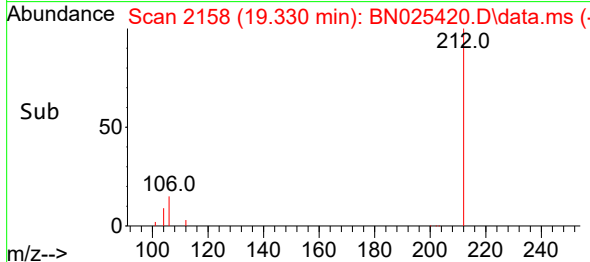
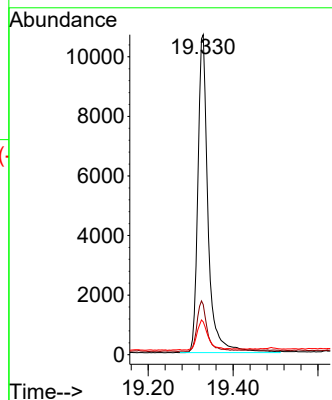
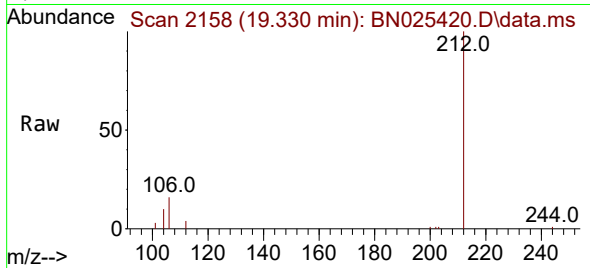




#27
Fluoranthene-d10
Concen: 0.283 ng
RT: 19.330 min Scan# 2159
Delta R.T. -0.004 min
Lab File: BN025420.D
Acq: 12 May 2023 03:18

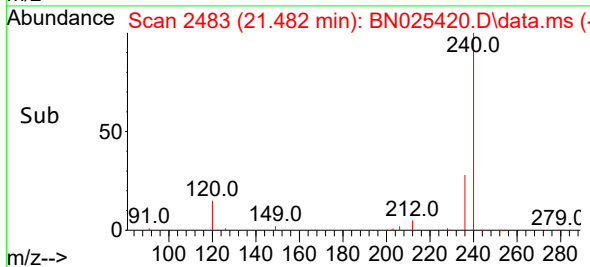
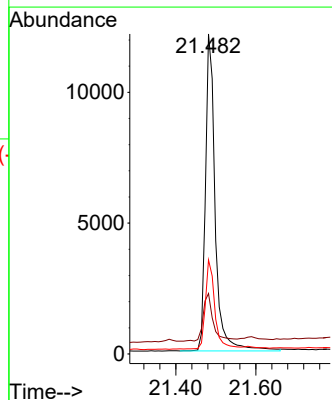
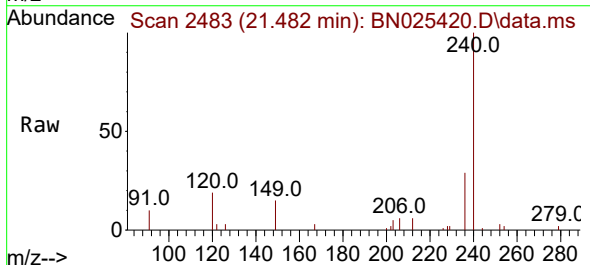
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-55-050923

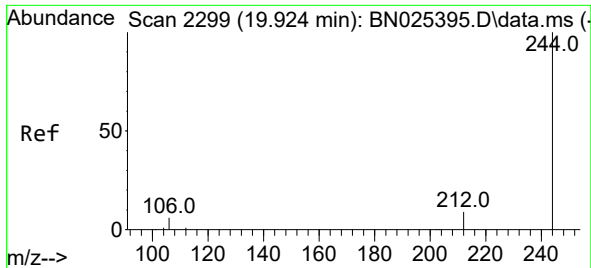
Tgt Ion:212 Resp: 17742
Ion Ratio Lower Upper
212 100
106 16.2 12.6 19.0
104 10.1 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.482 min Scan# 2483
Delta R.T. -0.013 min
Lab File: BN025420.D
Acq: 12 May 2023 03:18

Tgt Ion:240 Resp: 20463
Ion Ratio Lower Upper
240 100
120 18.9 19.0 28.6#
236 29.4 25.0 37.6

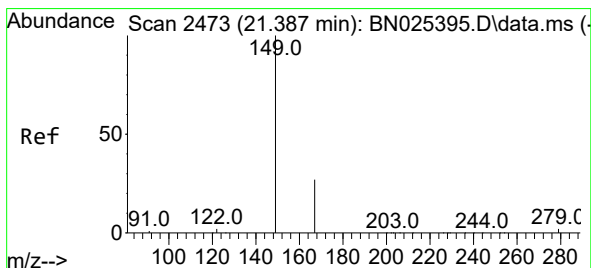
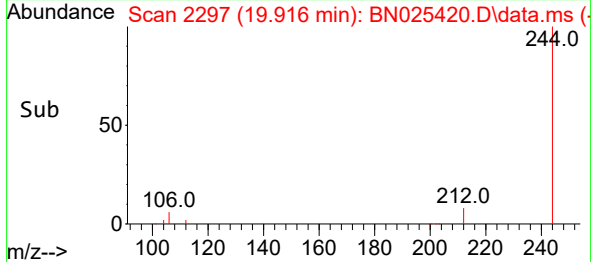
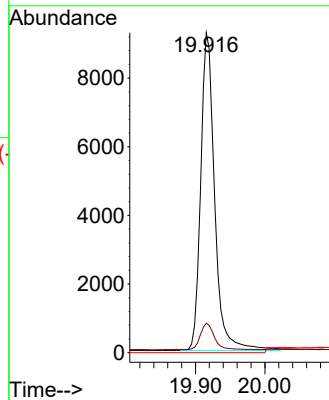
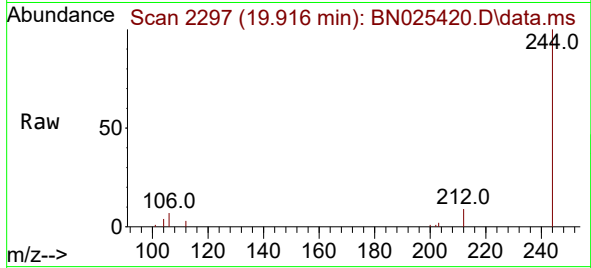




#31
 Terphenyl-d14
 Concen: 0.281 ng
 RT: 19.916 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN025420.D
 Acq: 12 May 2023 03:18

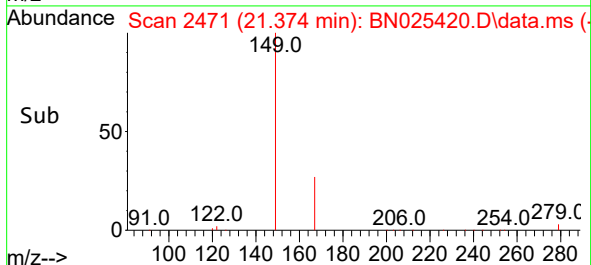
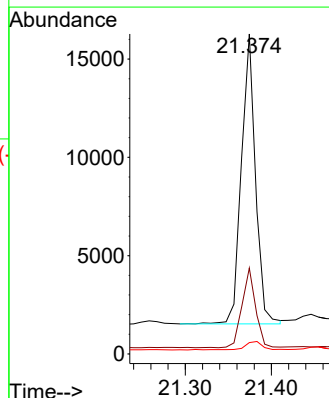
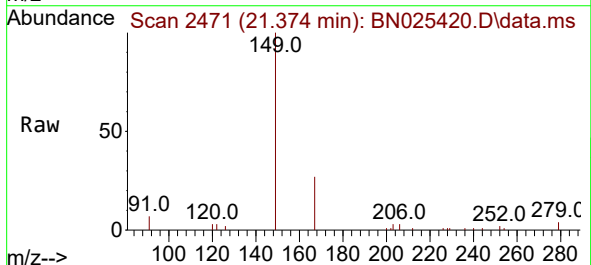
Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-55-050923

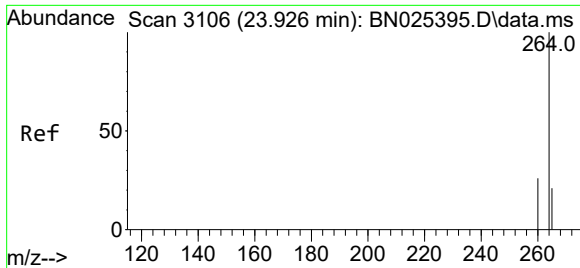
Tgt Ion:244 Resp: 13845
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.5 11.3
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.251 ng
 RT: 21.374 min Scan# 2471
 Delta R.T. -0.013 min
 Lab File: BN025420.D
 Acq: 12 May 2023 03:18

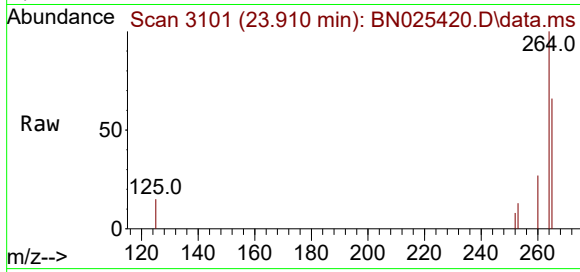
Tgt Ion:149 Resp: 16843
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.7 32.5
 279 3.3 3.0 4.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.910 min Scan# 31
Delta R.T. -0.016 min
Lab File: BN025420.D
Acq: 12 May 2023 03:18

Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-55-050923



Tgt Ion:	264	Resp:	18476
Ion	Ratio	Lower	Upper
264	100		
260	27.0	23.5	35.3
265	66.3	50.9	76.3

