

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
 Data File : BN025410.D
 Acq On : 11 May 2023 20:43
 Operator : CG/JU
 Sample : 02723-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-18.5-050923

Quant Time: May 12 04:02:02 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)

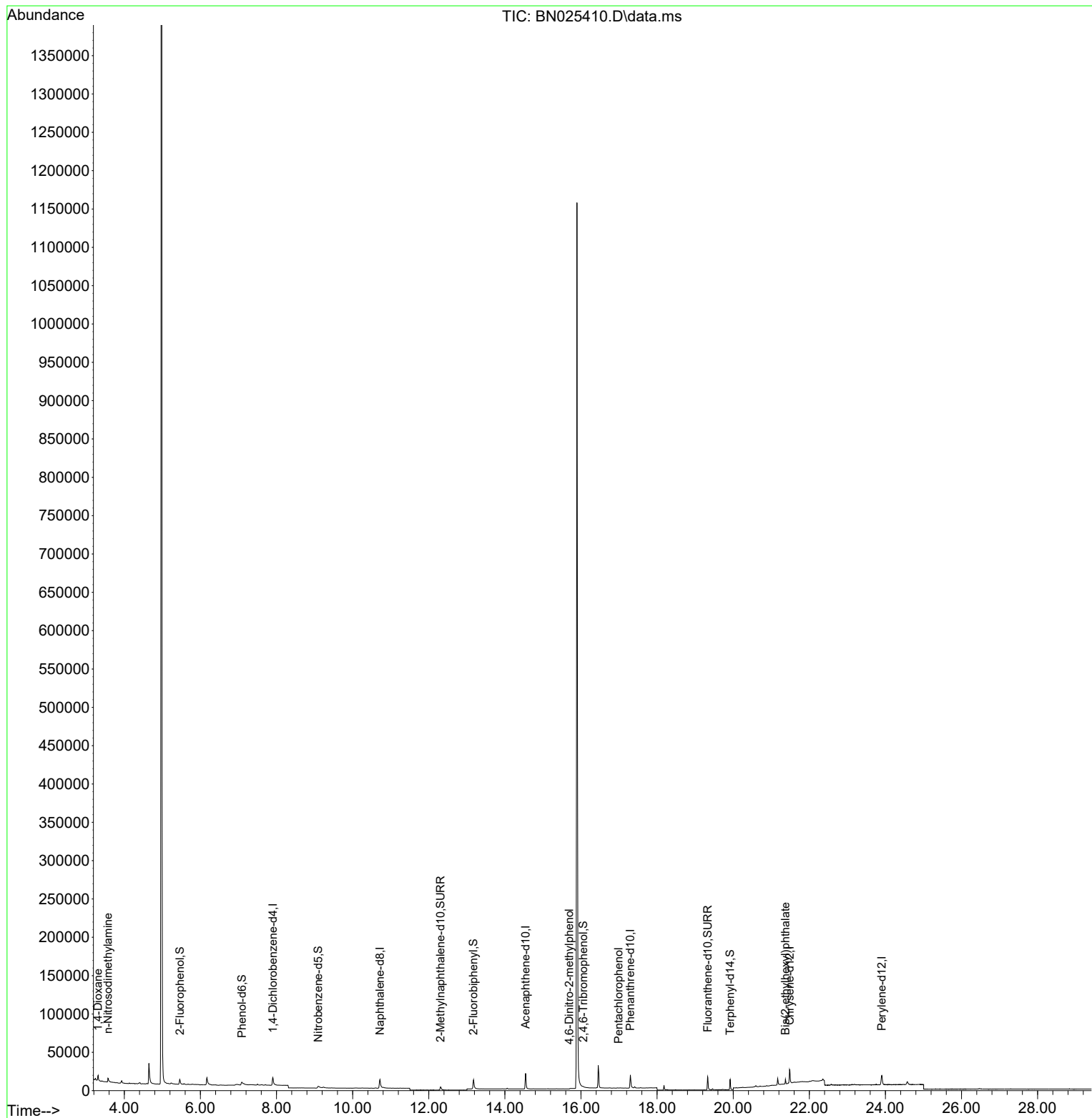
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	6974	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	21934	0.400	ng	0.01
13) Acenaphthene-d10	14.544	164	13105	0.400	ng	0.00
19) Phenanthrene-d10	17.298	188	27980	0.400	ng	0.00
29) Chrysene-d12	21.482	240	20332	0.400	ng	-0.01
35) Perylene-d12	23.904	264	19171	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	6223	0.385	ng	0.00
5) Phenol-d6	7.088	99	6620	0.301	ng	0.00
8) Nitrobenzene-d5	9.095	82	4439	0.250	ng	0.01
11) 2-Methylnaphthalene-d10	12.309	152	9301	0.322	ng	0.00
14) 2,4,6-Tribromophenol	16.057	330	465	0.066	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	13699	0.301	ng	0.00
27) Fluoranthene-d10	19.330	212	21534	0.336	ng	0.00
31) Terphenyl-d14	19.920	244	16630	0.340	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	3973	0.617	ng	# 76
3) n-Nitrosodimethylamine	3.570	42	1437	0.139	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.688	198	6	0.222	ng	# 1
24) Pentachlorophenol	16.988	266	56	0.105	ng	# 30
34) Bis(2-ethylhexyl)phtha...	21.374	149	5461	0.082	ng	96

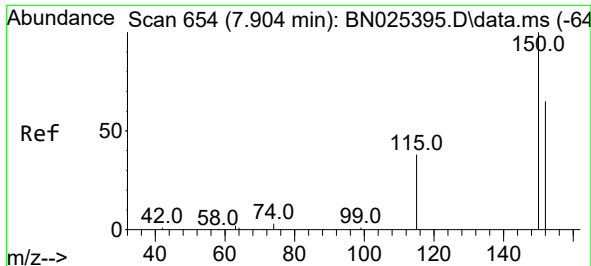
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025410.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-18.5-050923

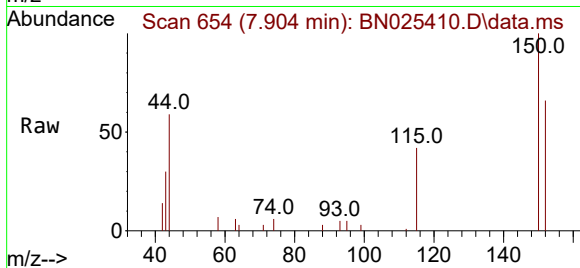
Quant Time: May 12 04:02:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 00:57:16 2023
Response via : Initial Calibration





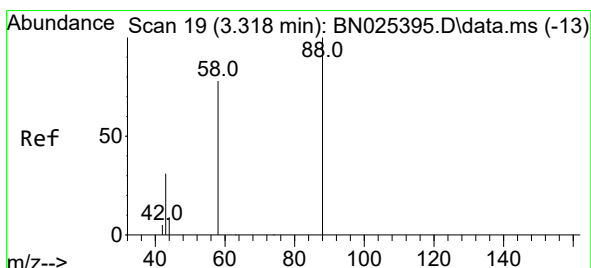
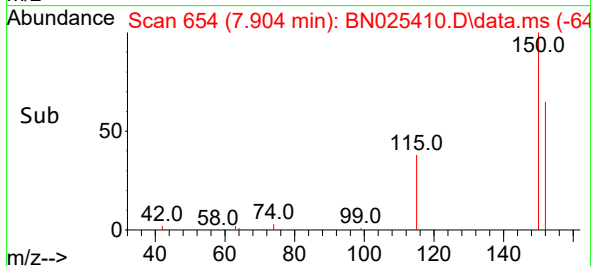
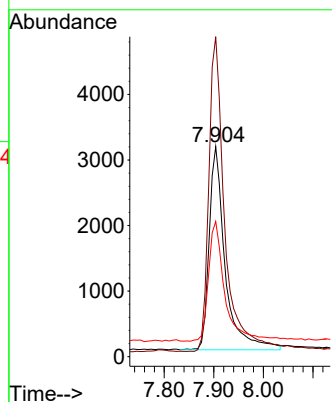
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025410.D
Acq: 11 May 2023 20:43

Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-18.5-050923



Tgt Ion:152 Resp: 6974

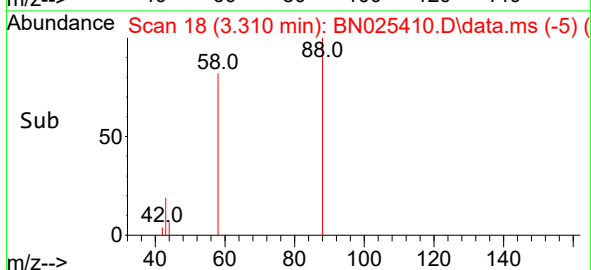
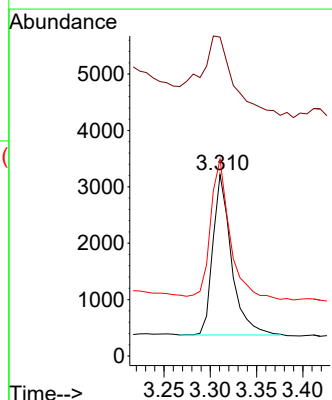
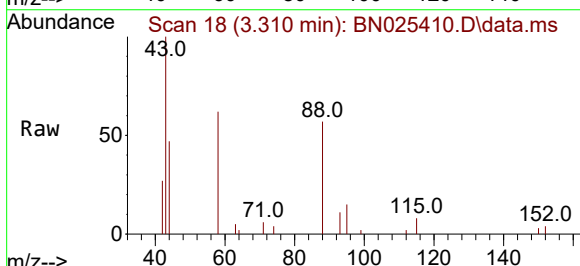
Ion	Ratio	Lower	Upper
152	100		
150	152.4	121.4	182.2
115	64.4	50.6	76.0

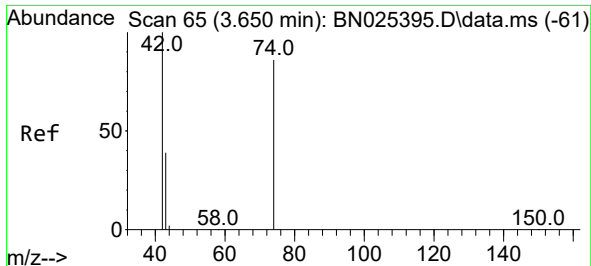


#2
1,4-Dioxane
Concen: 0.617 ng
RT: 3.310 min Scan# 18
Delta R.T. -0.007 min
Lab File: BN025410.D
Acq: 11 May 2023 20:43

Tgt Ion: 88 Resp: 3973

Ion	Ratio	Lower	Upper
88	100		
43	90.6	37.4	56.2
58	91.6	71.5	107.3

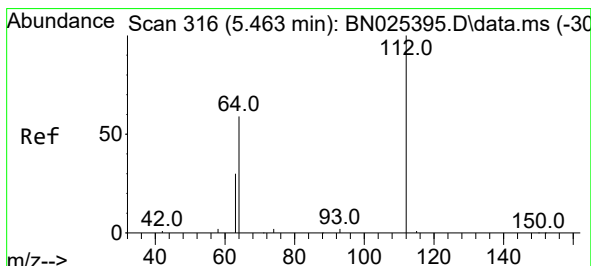
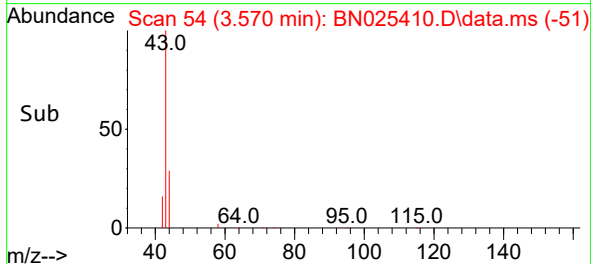
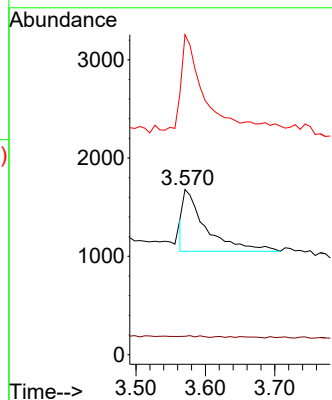
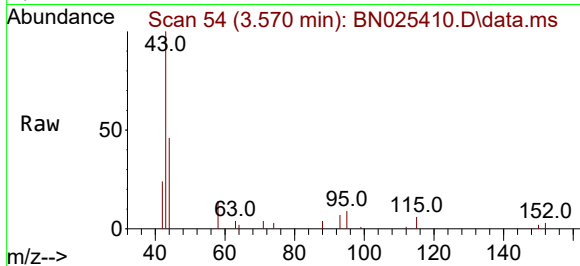




#3
n-Nitrosodimethylamine
Concen: 0.139 ng
RT: 3.570 min Scan# 54
Delta R.T. -0.079 min
Lab File: BN025410.D
Acq: 11 May 2023 20:43

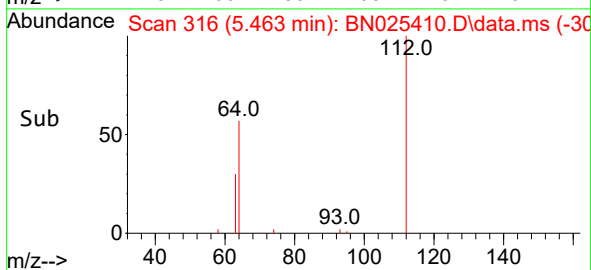
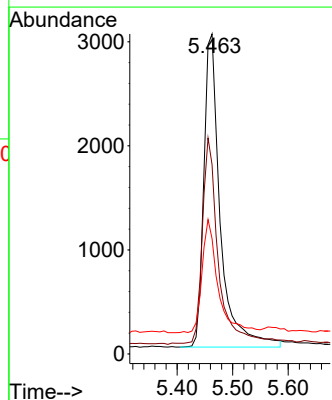
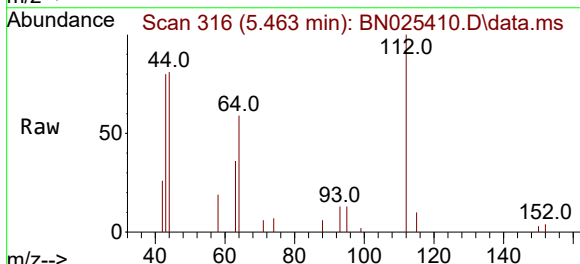
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-18.5-050923

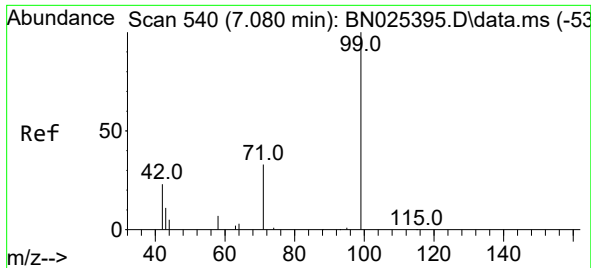
Tgt Ion: 42 Resp: 1437
Ion Ratio Lower Upper
42 100
74 0.0 82.2 123.4#
44 129.8 7.8 11.8#



#4
2-Fluorophenol
Concen: 0.385 ng
RT: 5.463 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN025410.D
Acq: 11 May 2023 20:43

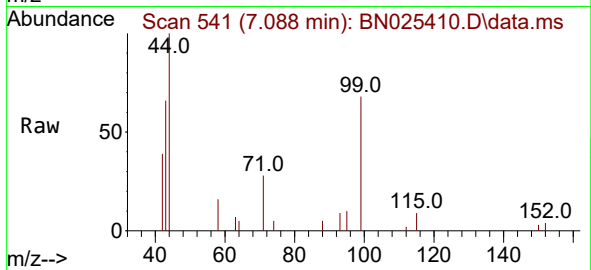
Tgt Ion: 112 Resp: 6223
Ion Ratio Lower Upper
112 100
64 65.0 51.9 77.9
63 34.5 27.4 41.2



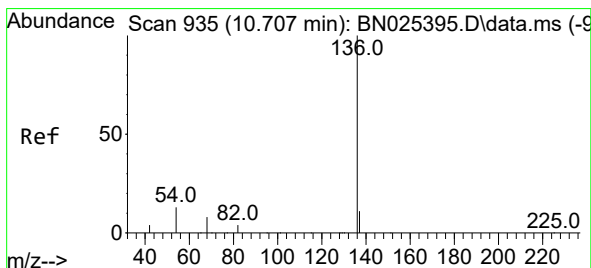
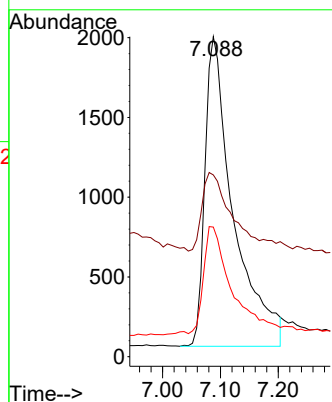
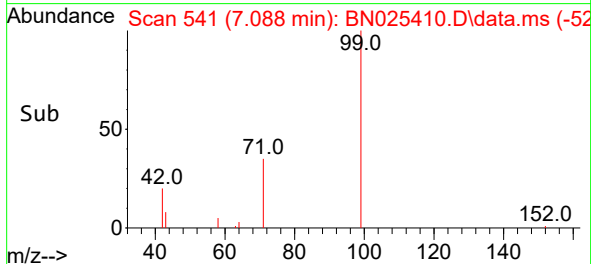


#5
Phenol-d6
Concen: 0.301 ng
RT: 7.088 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN025410.D
Acq: 11 May 2023 20:43

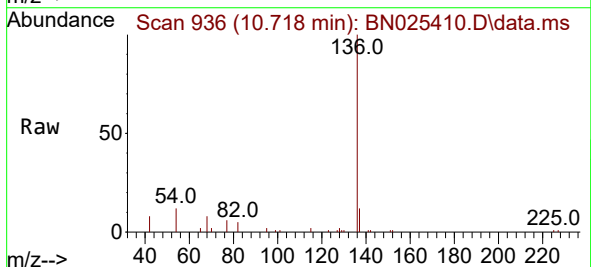
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-18.5-050923



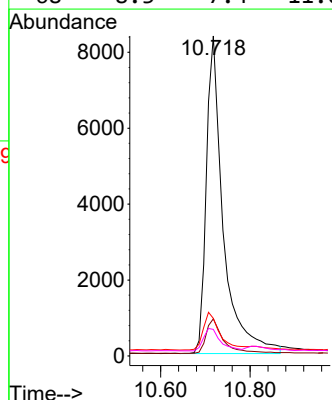
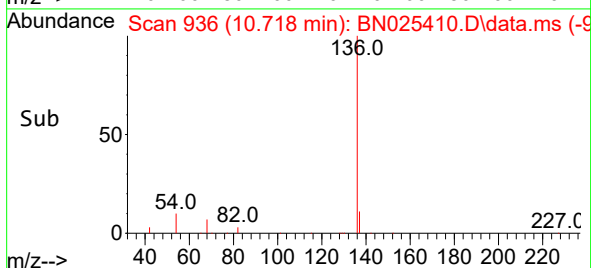
Tgt Ion: 99 Resp: 6620
Ion Ratio Lower Upper
99 100
42 27.1 23.5 35.3
71 35.5 28.1 42.1

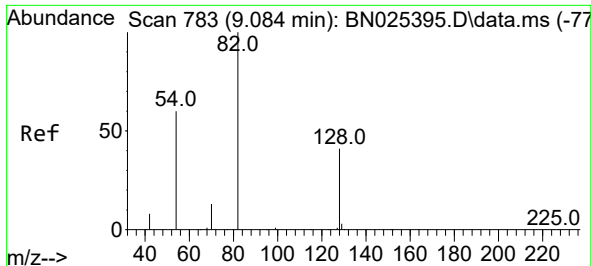


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN025410.D
Acq: 11 May 2023 20:43



Tgt Ion: 136 Resp: 21934
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 11.8 11.2 16.8
68 8.3 7.4 11.0

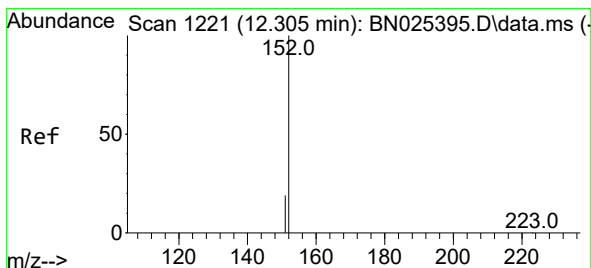
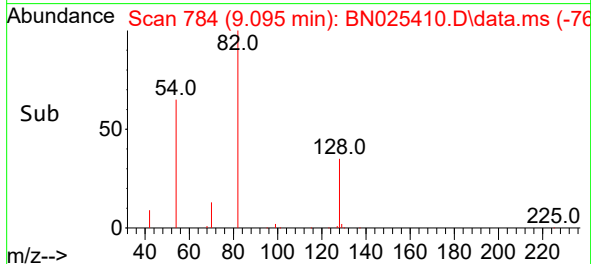
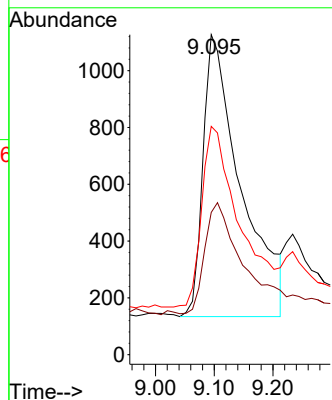
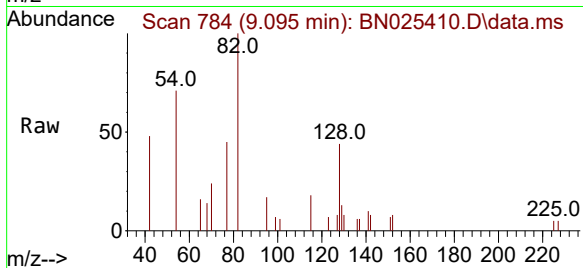




#8
Nitrobenzene-d5
Concen: 0.250 ng
RT: 9.095 min Scan# 784
Delta R.T. 0.011 min
Lab File: BN025410.D
Acq: 11 May 2023 20:43

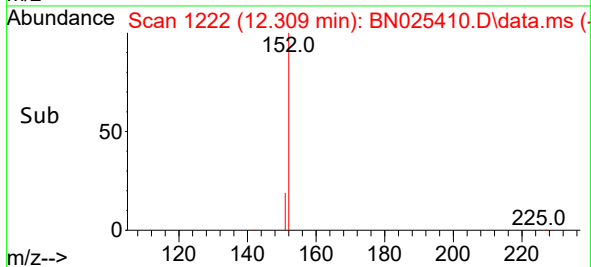
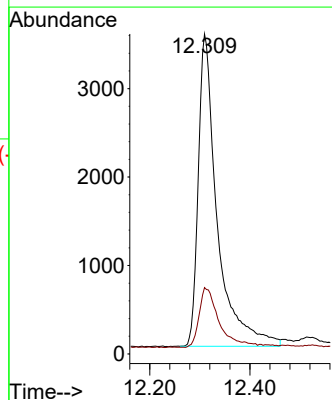
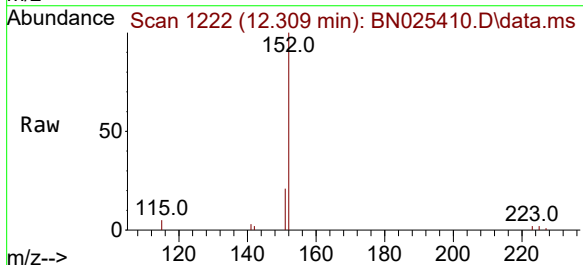
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-18.5-050923

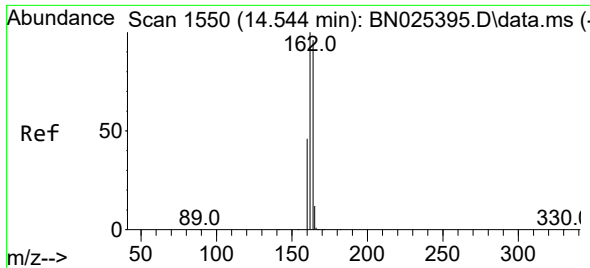
Tgt Ion: 82 Resp: 4439
Ion Ratio Lower Upper
82 100
128 44.5 35.8 53.8
54 71.3 50.4 75.6



#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.309 min Scan# 1222
Delta R.T. 0.004 min
Lab File: BN025410.D
Acq: 11 May 2023 20:43

Tgt Ion:152 Resp: 9301
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1

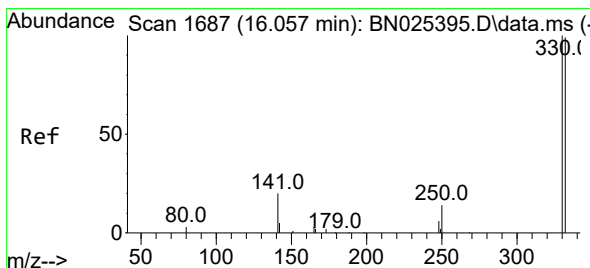
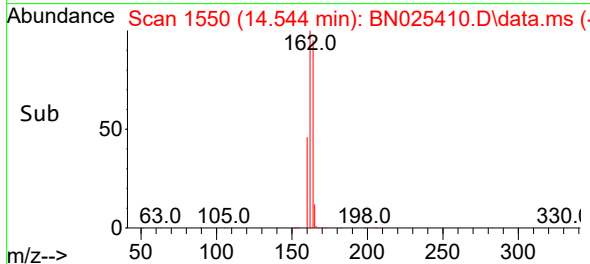
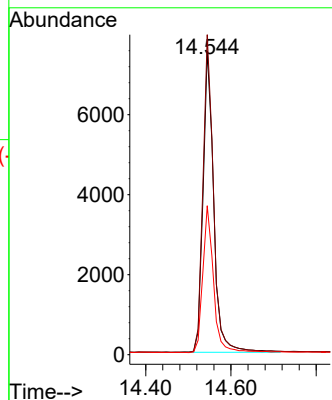
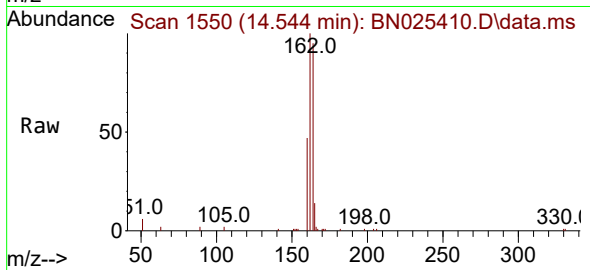




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN025410.D
Acq: 11 May 2023 20:43

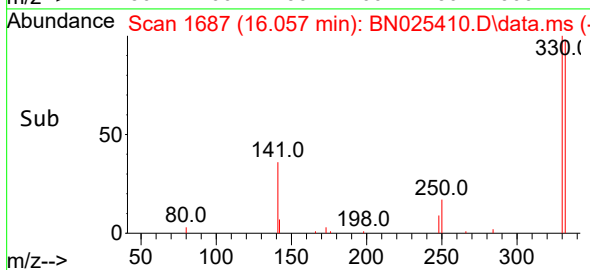
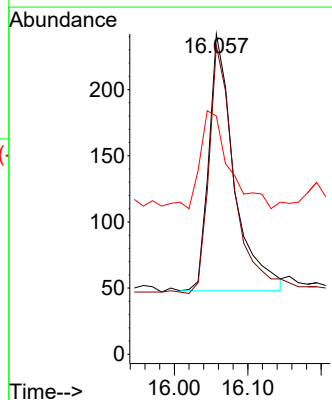
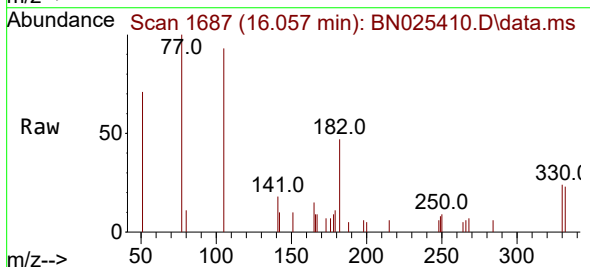
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-18.5-050923

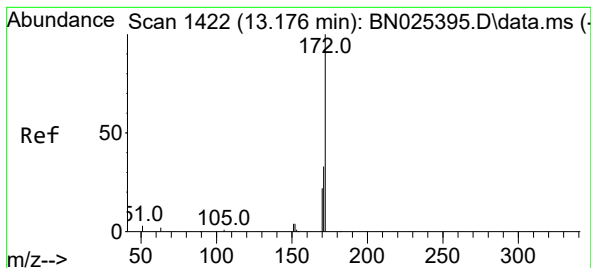
Tgt Ion:164 Resp: 13105
Ion Ratio Lower Upper
164 100
162 105.4 83.2 124.8
160 49.1 38.8 58.2



#14
2,4,6-Tribromophenol
Concen: 0.066 ng
RT: 16.057 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BN025410.D
Acq: 11 May 2023 20:43

Tgt Ion:330 Resp: 465
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 36.6 30.2 45.2





#15

2-Fluorobiphenyl

Concen: 0.301 ng

RT: 13.176 min Scan# 1422

Delta R.T. 0.000 min

Lab File: BN025410.D

Acq: 11 May 2023 20:43

Instrument :

BNA_N

ClientSampleId :

CB-14-G1-SO-18.5-050923

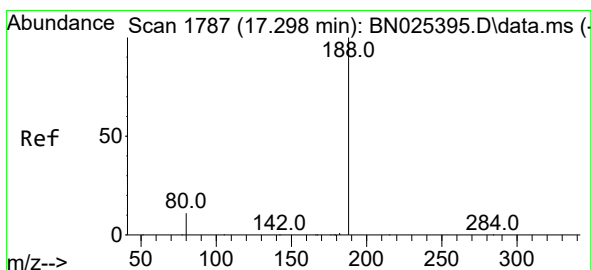
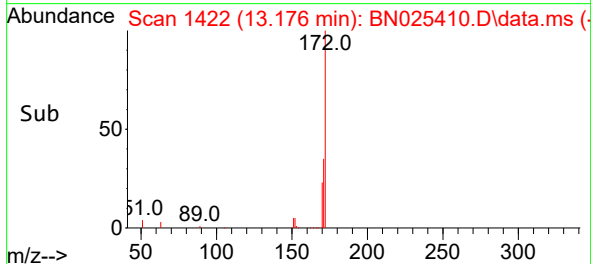
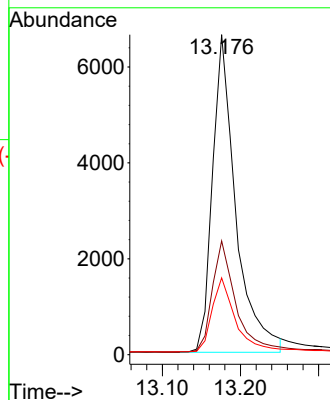
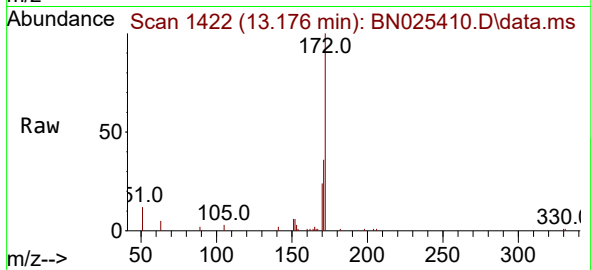
Tgt Ion:172 Resp: 13699

Ion Ratio Lower Upper

172 100

171 35.5 26.7 40.1

170 24.0 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: BN025410.D

Acq: 11 May 2023 20:43

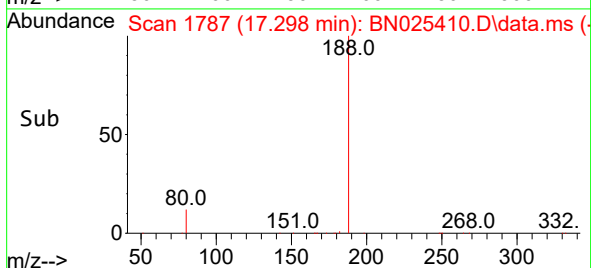
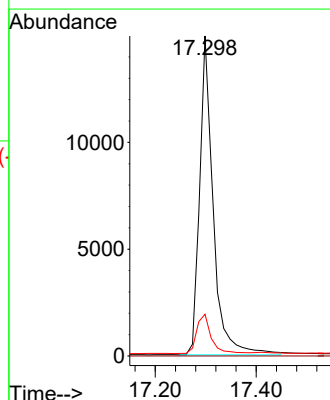
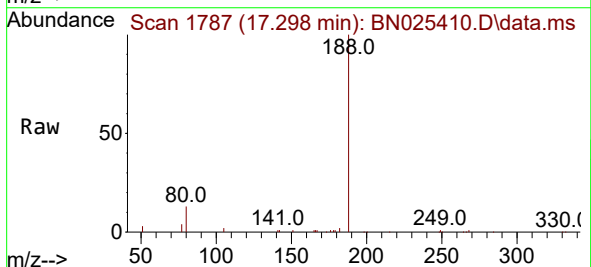
Tgt Ion:188 Resp: 27980

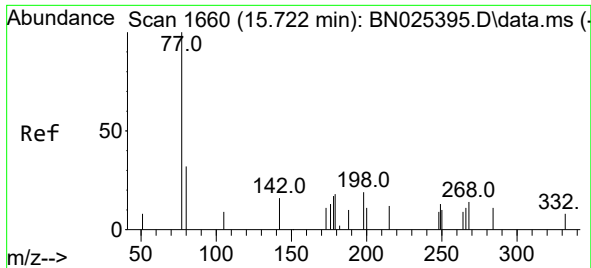
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.0 9.4 14.2

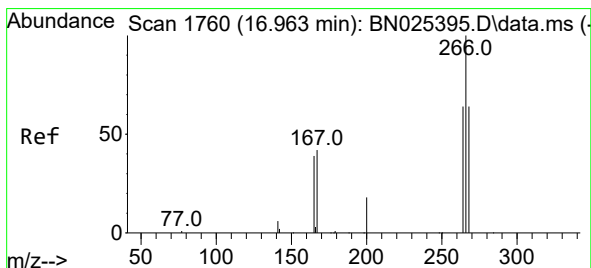
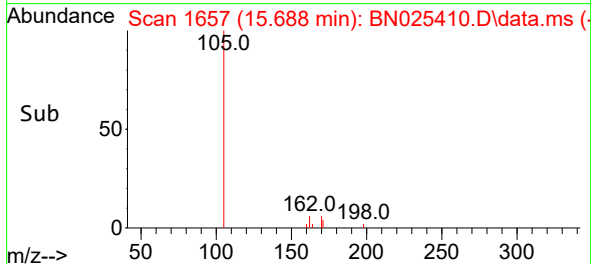
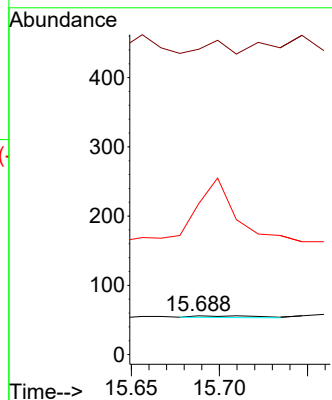
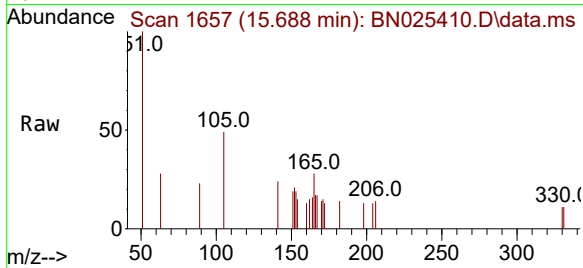




#20
4,6-Dinitro-2-methylphenol
Concen: 0.222 ng
RT: 15.688 min Scan# 1657
Delta R.T. -0.034 min
Lab File: BN025410.D
Acq: 11 May 2023 20:43

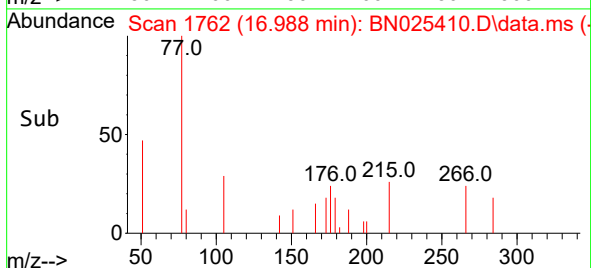
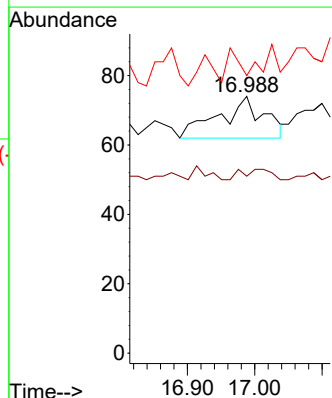
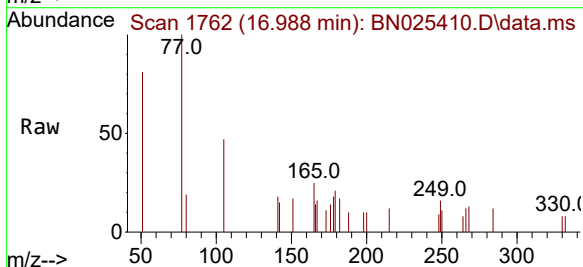
Instrument :
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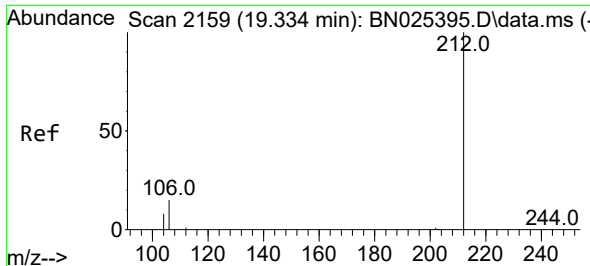
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 787.5 259.2 388.8#
105 389.3 112.6 168.8#



#24
Pentachlorophenol
Concen: 0.105 ng
RT: 16.988 min Scan# 1762
Delta R.T. 0.025 min
Lab File: BN025410.D
Acq: 11 May 2023 20:43

Tgt Ion:266 Resp: 56
Ion Ratio Lower Upper
266 100
264 16.1 50.1 75.1#
268 0.0 49.3 73.9#

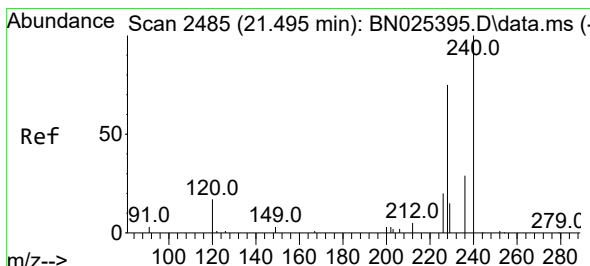
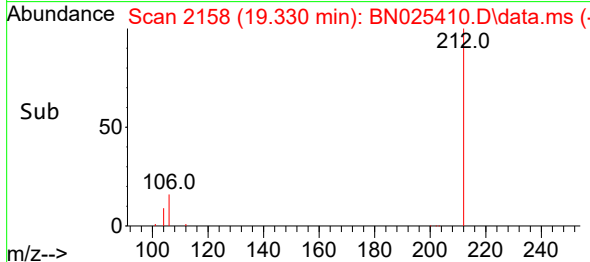
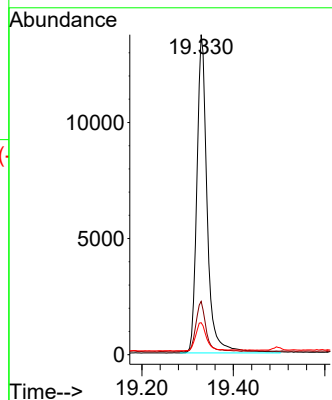
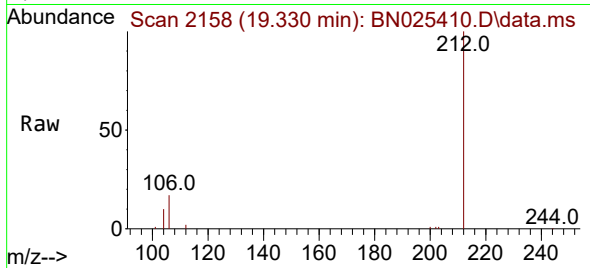




#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.330 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BN025410.D
Acq: 11 May 2023 20:43

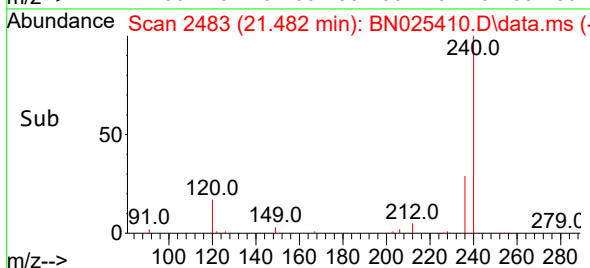
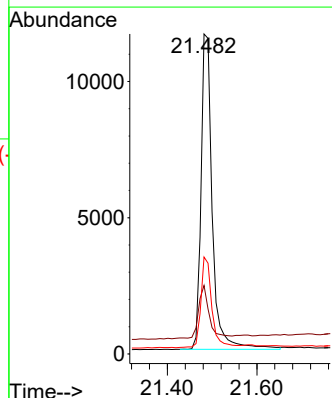
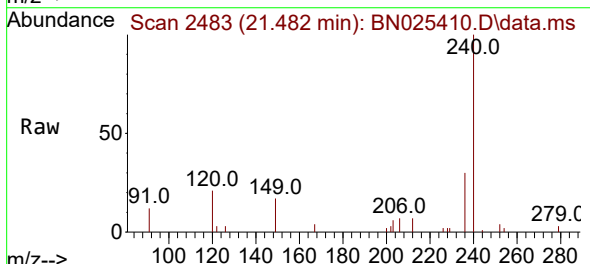
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-18.5-050923

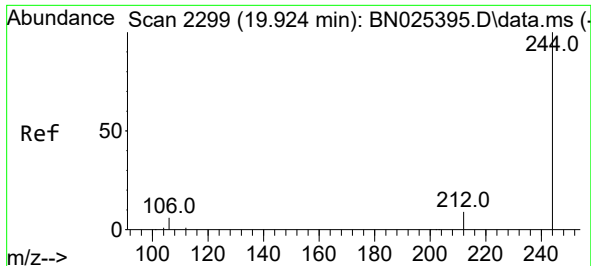
Tgt Ion:212 Resp: 21534
Ion Ratio Lower Upper
212 100
106 16.1 12.6 19.0
104 9.3 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.482 min Scan# 2483
Delta R.T. -0.013 min
Lab File: BN025410.D
Acq: 11 May 2023 20:43

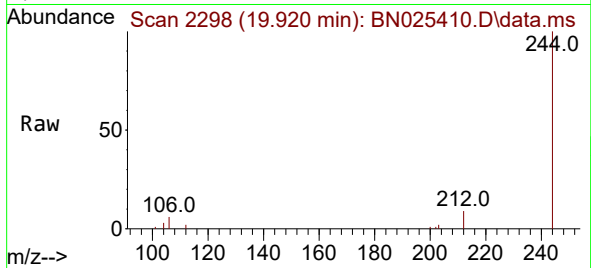
Tgt Ion:240 Resp: 20332
Ion Ratio Lower Upper
240 100
120 21.4 19.0 28.6
236 30.3 25.0 37.6



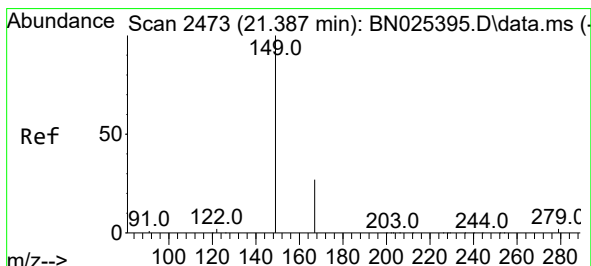
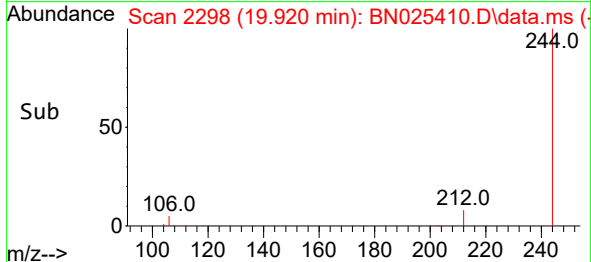
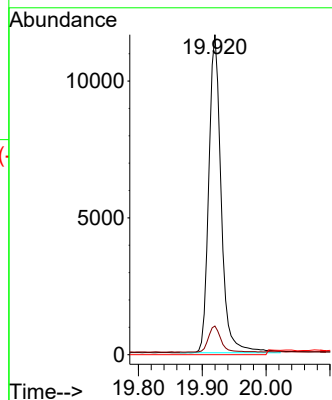


#31
 Terphenyl-d14
 Concen: 0.340 ng
 RT: 19.920 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN025410.D
 Acq: 11 May 2023 20:43

Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-18.5-050923

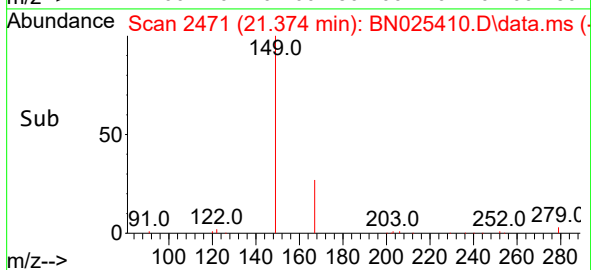
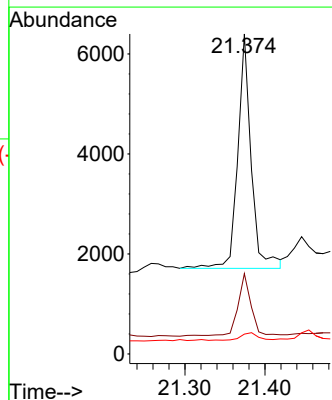
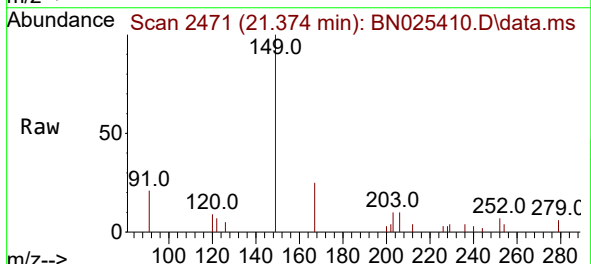


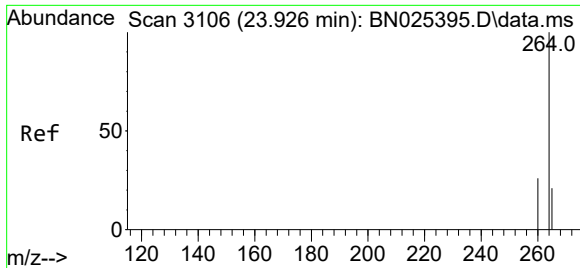
Tgt Ion:244 Resp: 16630
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.5 11.3
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.374 min Scan# 2471
 Delta R.T. -0.013 min
 Lab File: BN025410.D
 Acq: 11 May 2023 20:43

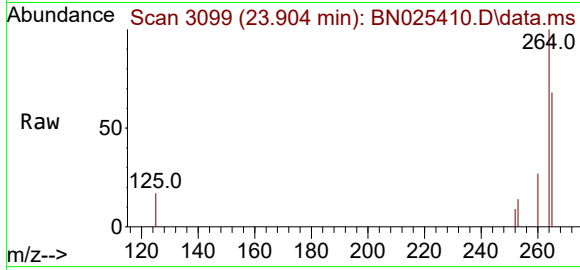
Tgt Ion:149 Resp: 5461
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.7 32.5
 279 4.0 3.0 4.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.904 min Scan# 3099
Delta R.T. -0.022 min
Lab File: BN025410.D
Acq: 11 May 2023 20:43

Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-18.5-050923



Tgt Ion:264 Resp: 19171

Ion	Ratio	Lower	Upper
264	100		
260	27.1	23.5	35.3
265	68.3	50.9	76.3

