

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051723\
 Data File : BN025458.D
 Acq On : 17 May 2023 18:06
 Operator : CG/JU
 Sample : 02803-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-74-051523

Quant Time: May 18 03:40:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 03:36:39 2023
 Response via : Initial Calibration

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

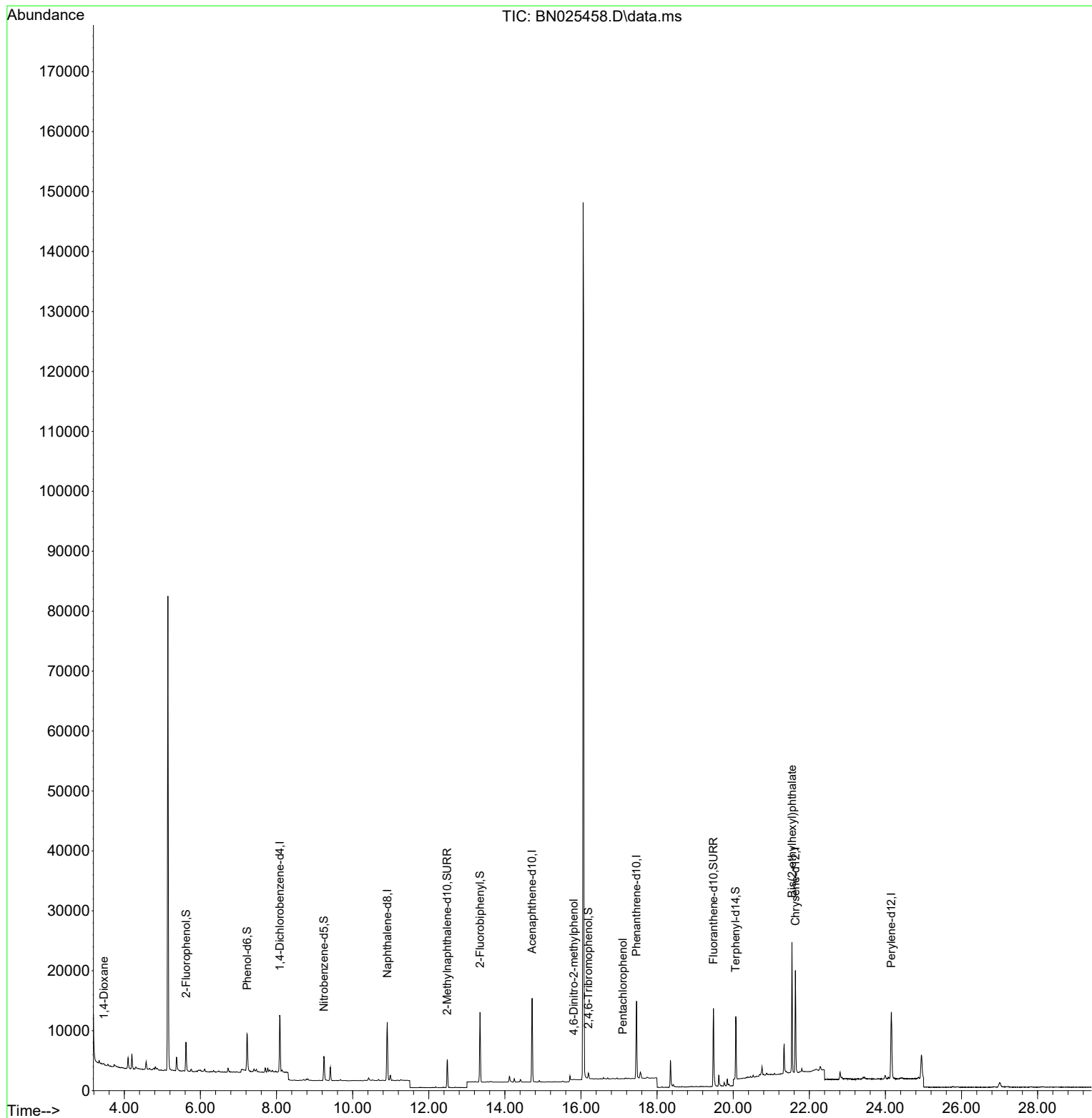
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	4752	0.400	ng	0.00
7) Naphthalene-d8	10.910	136	13293	0.400	ng	0.00
13) Acenaphthene-d10	14.716	164	7550	0.400	ng	0.00
19) Phenanthrene-d10	17.460	188	16969	0.400	ng	# 0.00
29) Chrysene-d12	21.634	240	15140	0.400	ng	0.00
35) Perylene-d12	24.156	264	16071	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.622	112	3942	0.386	ng	0.00
5) Phenol-d6	7.232	99	5907	0.431	ng	0.00
8) Nitrobenzene-d5	9.245	82	3361	0.370	ng	0.00
11) 2-Methylnaphthalene-d10	12.487	152	6327	0.340	ng	0.00
14) 2,4,6-Tribromophenol	16.194	330	510	0.199	ng	0.00
15) 2-Fluorobiphenyl	13.347	172	9773	0.354	ng	0.00
27) Fluoranthene-d10	19.481	212	14213	0.352	ng	0.00
31) Terphenyl-d14	20.067	244	9401	0.342	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.462	88	163	0.037	ng	# 1
6) bis(2-Chloroethyl)ether	7.492	93	19	Below Cal		# 57
20) 4,6-Dinitro-2-methylph...	15.809	198	2	0.134	ng	# 1
24) Pentachlorophenol	17.100	266	21	0.210	ng	# 39
34) Bis(2-ethylhexyl)phtha...	21.545	149	19276	0.619	ng	100

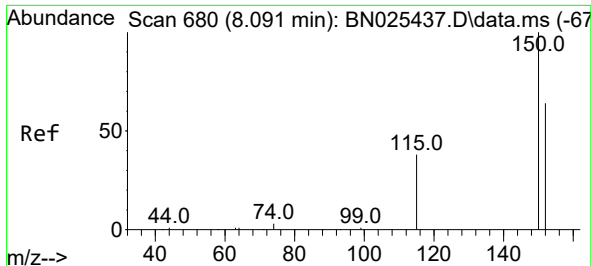
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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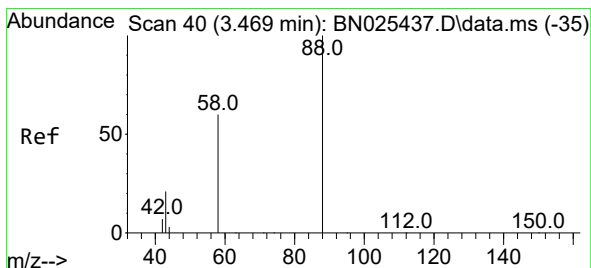
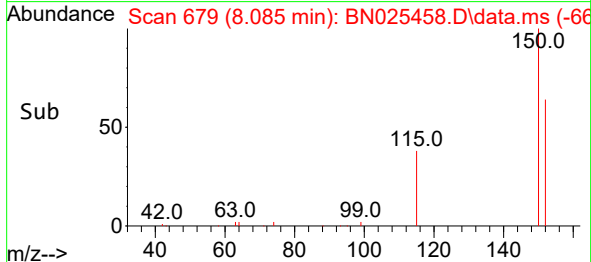
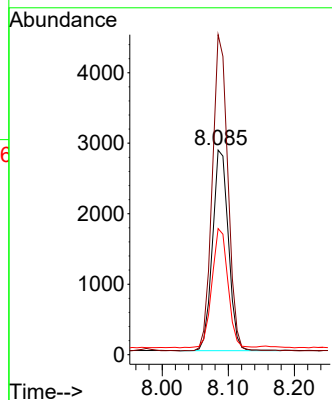
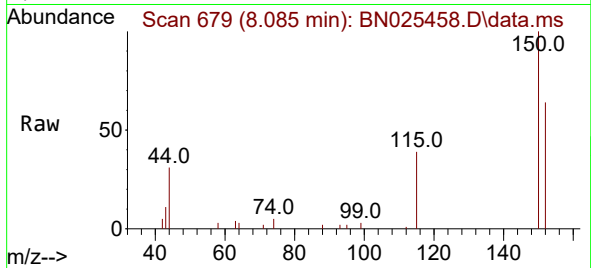




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.085 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN025458.D
 Acq: 17 May 2023 18:06

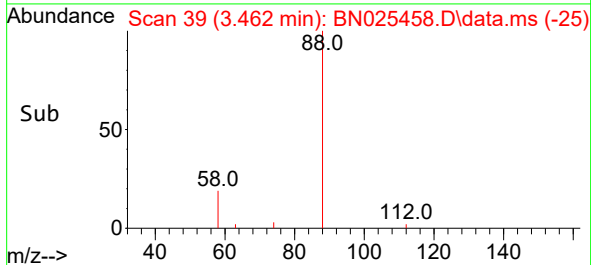
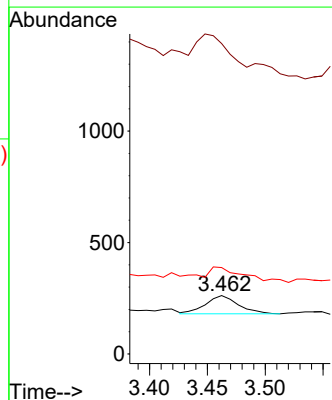
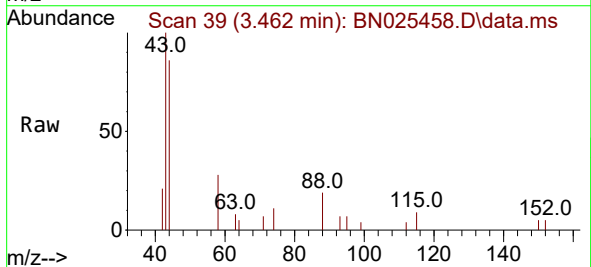
Instrument :
 BNA_N
 ClientSampleId :
 CB-14-G1-SO-74-051523

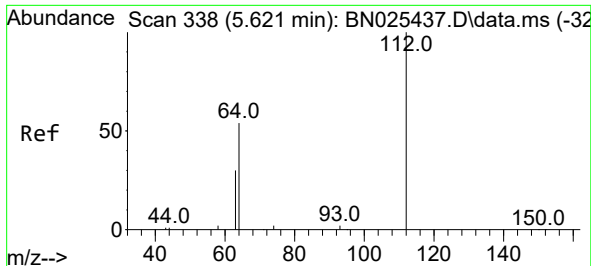
Tgt Ion:152 Resp: 4752
 Ion Ratio Lower Upper
 152 100
 150 156.4 123.7 185.5
 115 61.6 50.0 75.0



#2
 1,4-Dioxane
 Concen: 0.037 ng
 RT: 3.462 min Scan# 39
 Delta R.T. 0.000 min
 Lab File: BN025458.D
 Acq: 17 May 2023 18:06

Tgt Ion: 88 Resp: 163
 Ion Ratio Lower Upper
 88 100
 43 273.6 25.1 37.7#
 58 100.0 55.5 83.3#





#4

2-Fluorophenol

Concen: 0.386 ng

RT: 5.622 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN025458.D

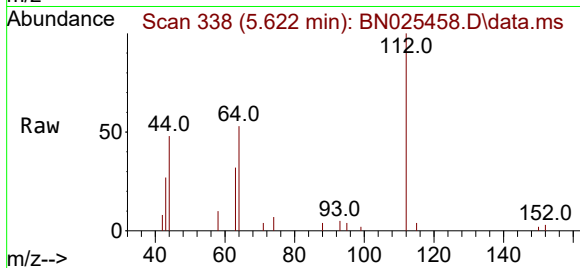
Acq: 17 May 2023 18:06

Instrument :

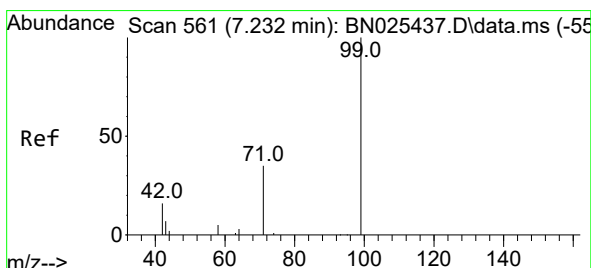
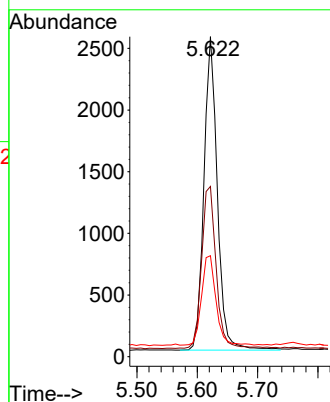
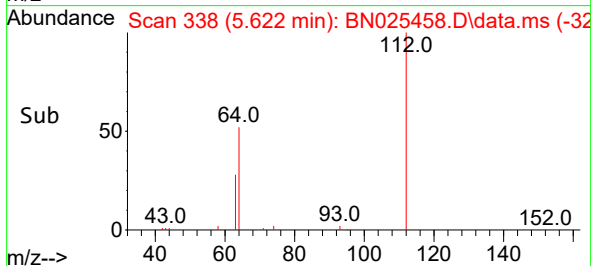
BNA_N

ClientSampleId :

CB-14-G1-SO-74-051523



Tgt Ion:	112	Resp:	3942
Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.9	65.9
63	30.6	25.0	37.4



#5

Phenol-d6

Concen: 0.431 ng

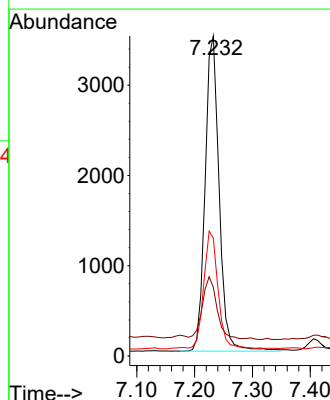
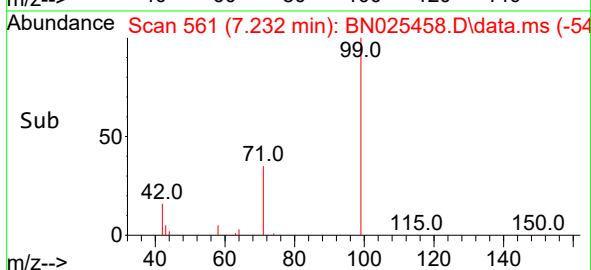
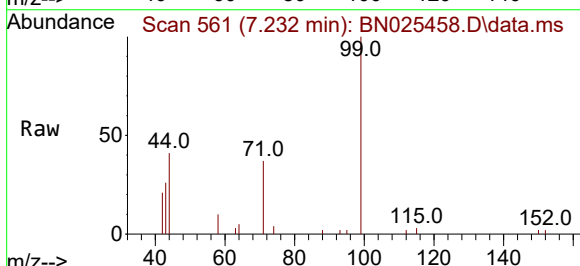
RT: 7.232 min Scan# 561

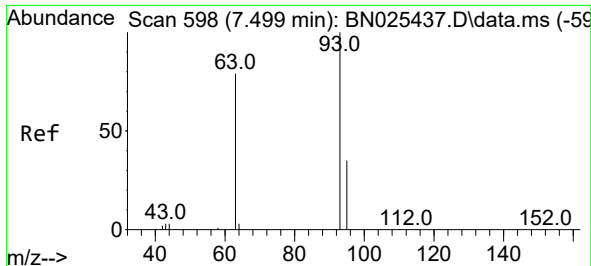
Delta R.T. 0.007 min

Lab File: BN025458.D

Acq: 17 May 2023 18:06

Tgt Ion:	99	Resp:	5907
Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.4	24.6
71	38.4	29.4	44.0

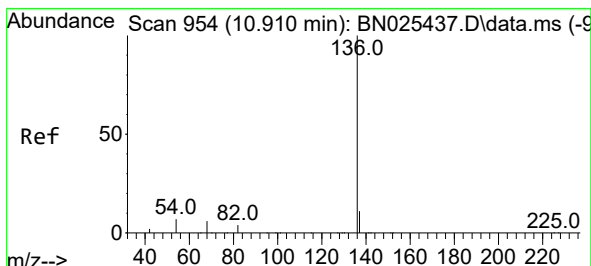
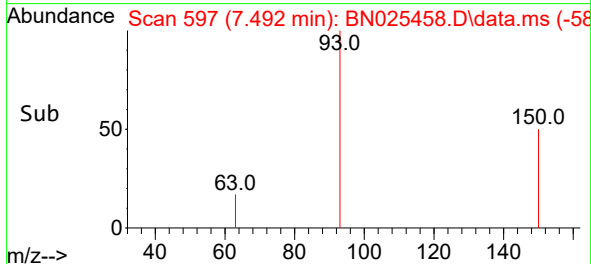
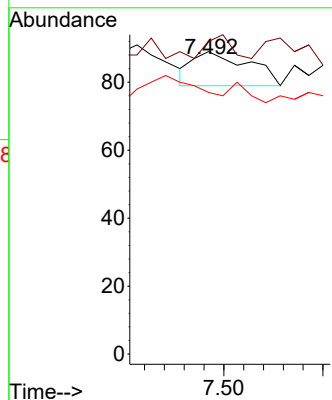
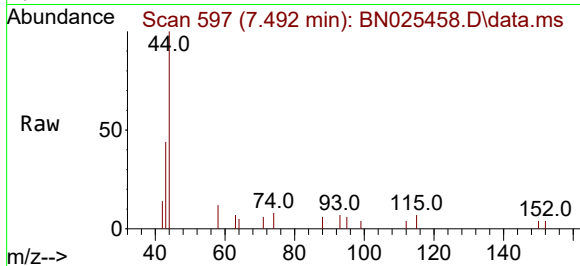




#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 7.492 min Scan# 598
Delta R.T. -0.007 min
Lab File: BN025458.D
Acq: 17 May 2023 18:06

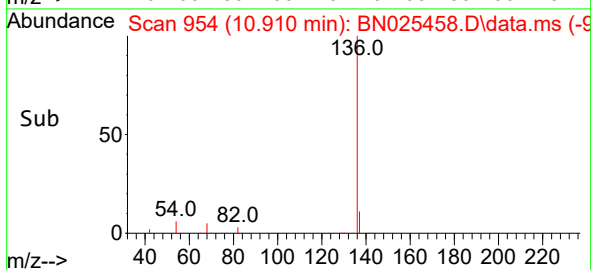
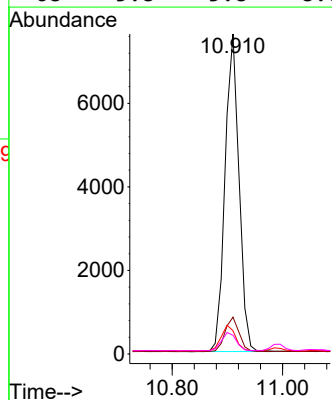
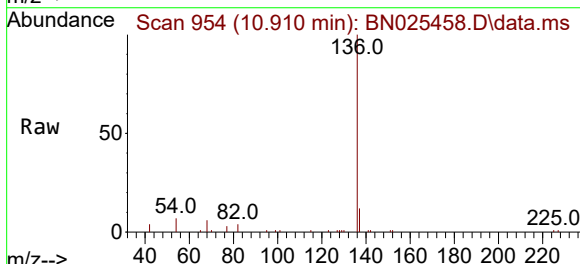
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-74-051523

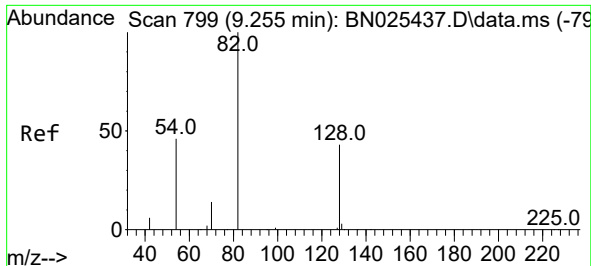
Tgt Ion: 93 Resp: 19
Ion Ratio Lower Upper
93 100
63 31.6 48.5 72.7#
95 0.0 22.0 33.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.910 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN025458.D
Acq: 17 May 2023 18:06

Tgt Ion:136 Resp: 13293
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 7.2 7.0 10.4
68 5.8 5.8 8.6

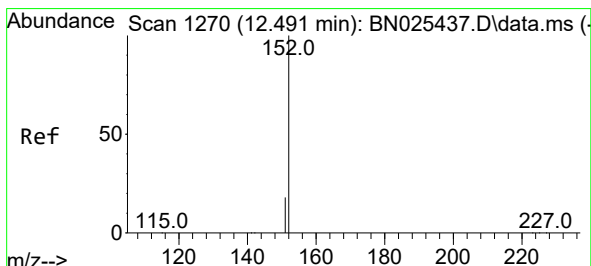
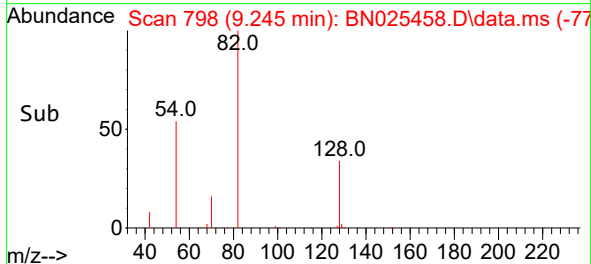
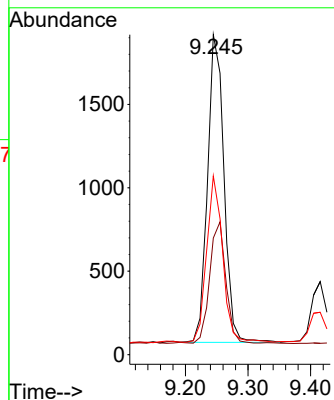
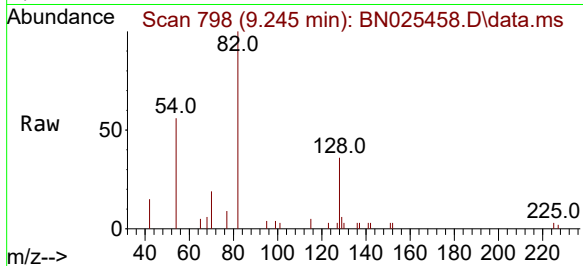




#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 9.245 min Scan# 799
Delta R.T. 0.000 min
Lab File: BN025458.D
Acq: 17 May 2023 18:06

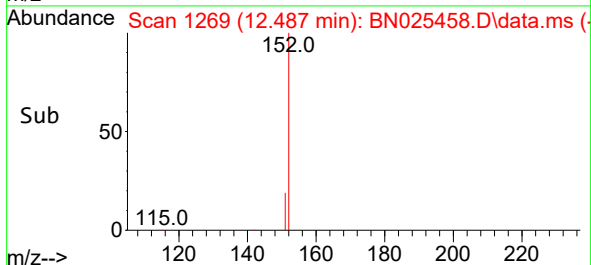
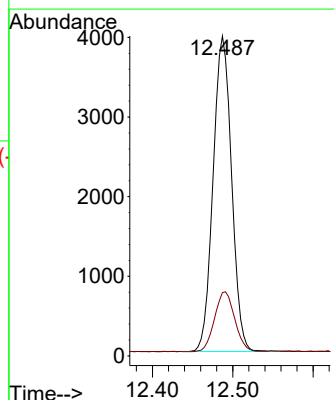
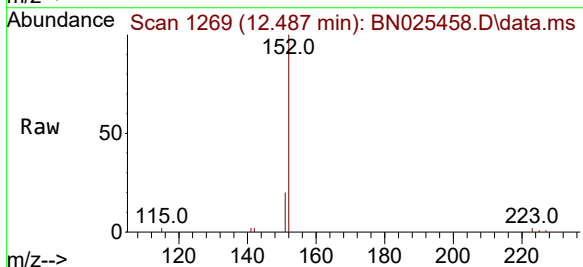
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-74-051523

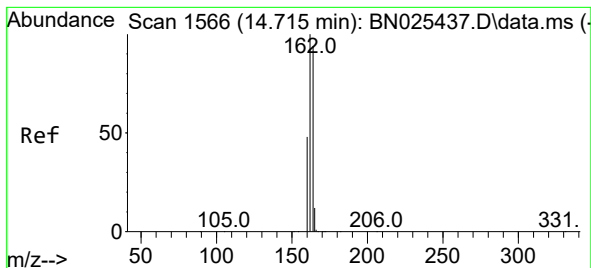
Tgt Ion: 82 Resp: 3361
Ion Ratio Lower Upper
82 100
128 36.4 35.7 53.5
54 55.8 38.6 57.8



#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 12.487 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BN025458.D
Acq: 17 May 2023 18:06

Tgt Ion: 152 Resp: 6327
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.716 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BN025458.D

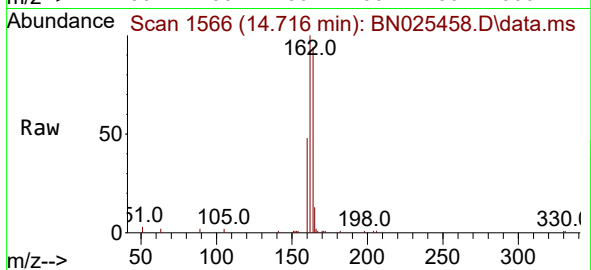
Acq: 17 May 2023 18:06

Instrument :

BNA_N

ClientSampleId :

CB-14-G1-SO-74-051523



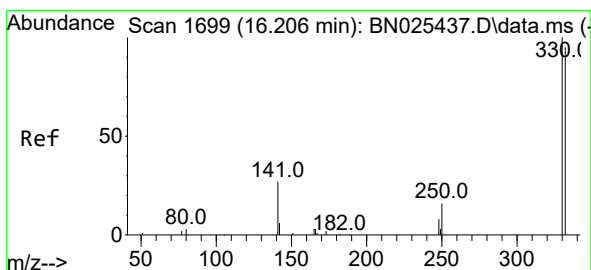
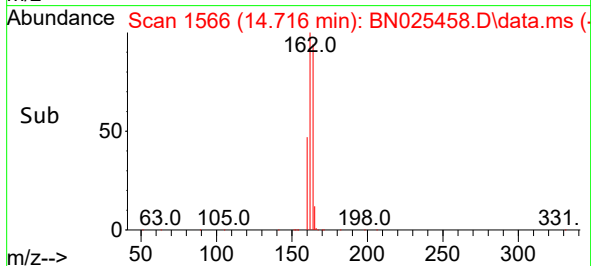
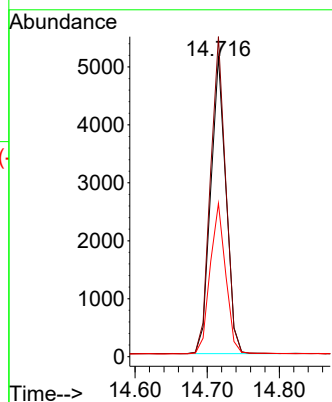
Tgt Ion:164 Resp: 7550

Ion Ratio Lower Upper

164 100

162 106.5 84.8 127.2

160 51.0 40.6 61.0



#14

2,4,6-Tribromophenol

Concen: 0.199 ng

RT: 16.194 min Scan# 1698

Delta R.T. 0.000 min

Lab File: BN025458.D

Acq: 17 May 2023 18:06

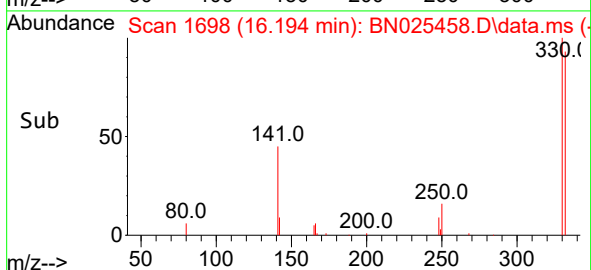
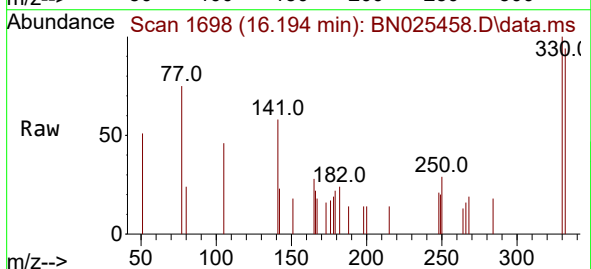
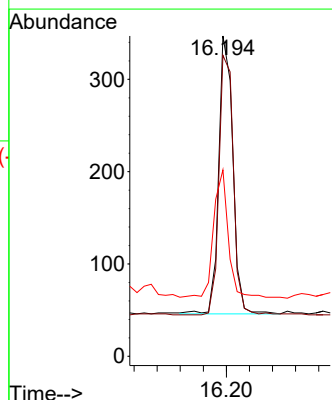
Tgt Ion:330 Resp: 510

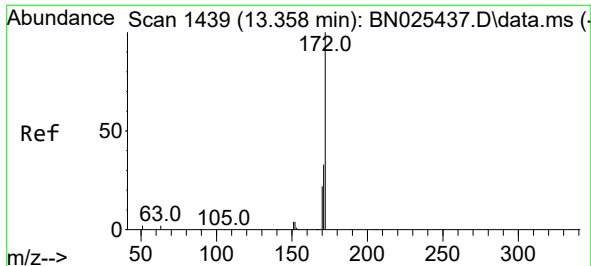
Ion Ratio Lower Upper

330 100

332 95.9 75.5 113.3

141 46.3 35.3 52.9

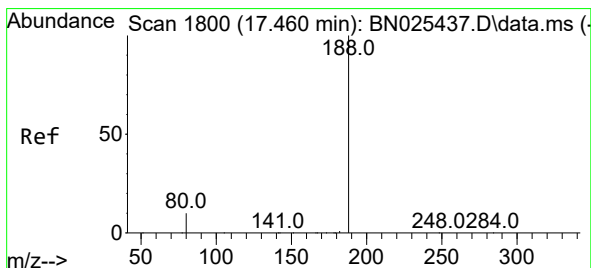
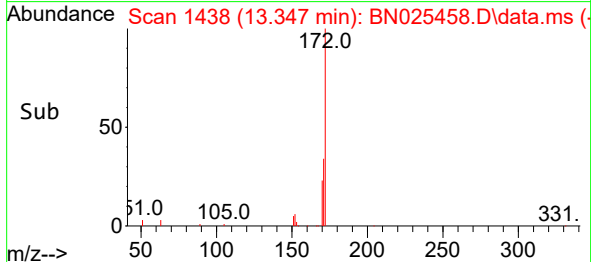
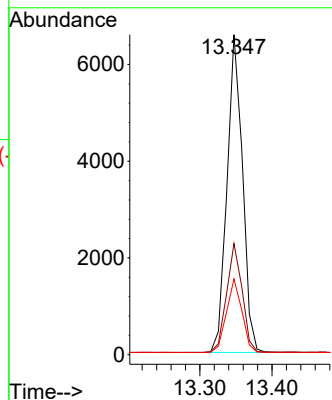
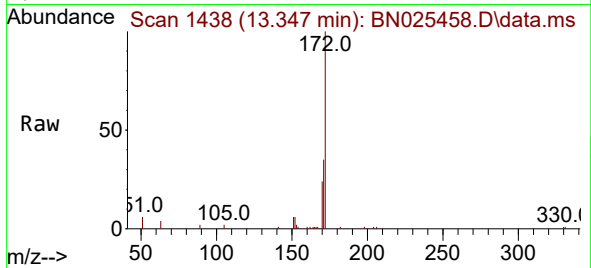




#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.347 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BN025458.D
Acq: 17 May 2023 18:06

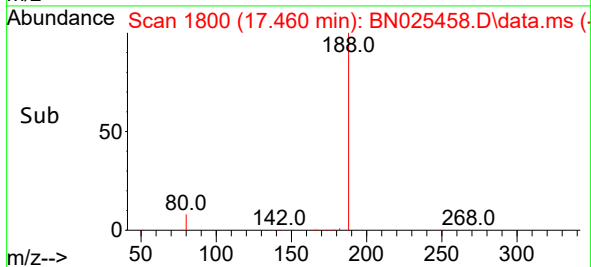
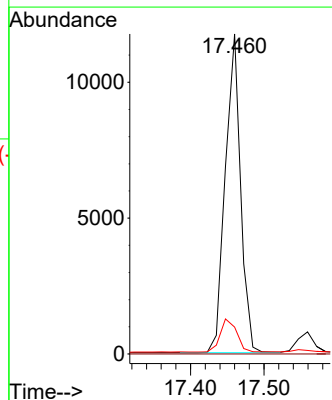
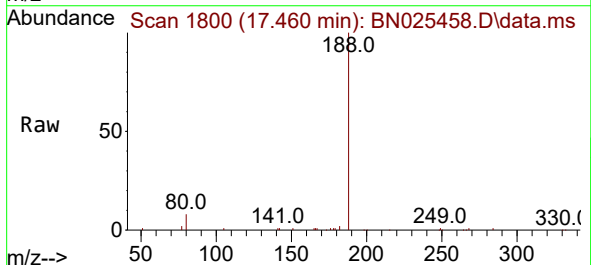
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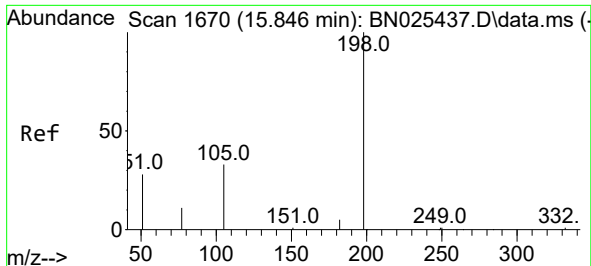
Tgt Ion:172 Resp: 9773
Ion Ratio Lower Upper
172 100
171 34.7 27.0 40.6
170 23.7 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN025458.D
Acq: 17 May 2023 18:06

Tgt Ion:188 Resp: 16969
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 8.7 13.1#

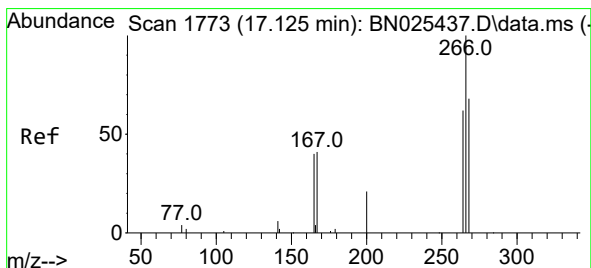
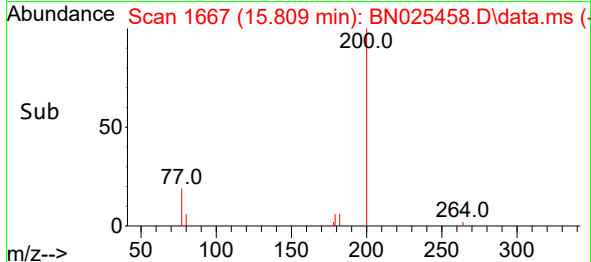
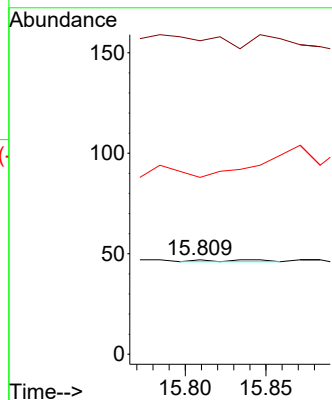
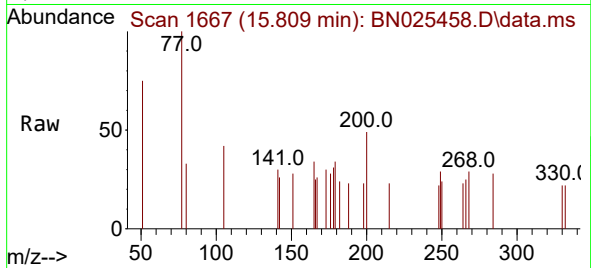




#20
4,6-Dinitro-2-methylphenol
Concen: 0.134 ng
RT: 15.809 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BN025458.D
Acq: 17 May 2023 18:06

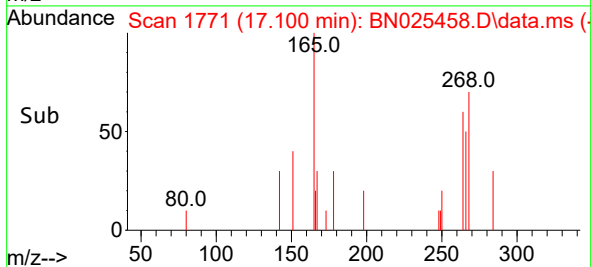
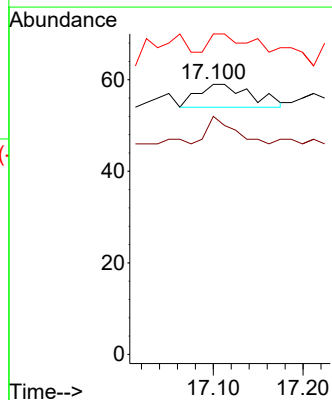
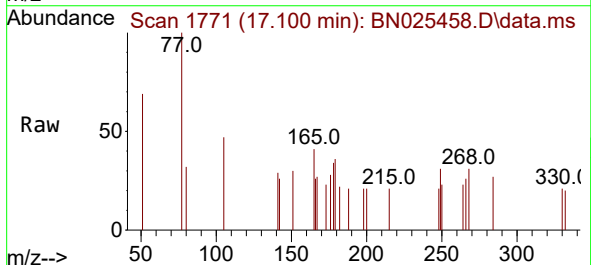
Instrument :
BNA_N
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CB-14-G1-SO-74-051523

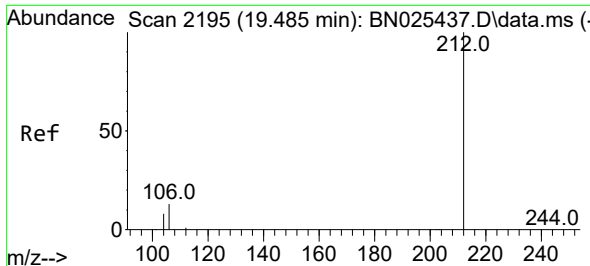
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 331.9 68.5 102.7#
105 187.2 57.6 86.4#



#24
Pentachlorophenol
Concen: 0.210 ng
RT: 17.100 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BN025458.D
Acq: 17 May 2023 18:06

Tgt Ion:266 Resp: 21
Ion Ratio Lower Upper
266 100
264 61.9 49.5 74.3
268 157.1 51.0 76.4#

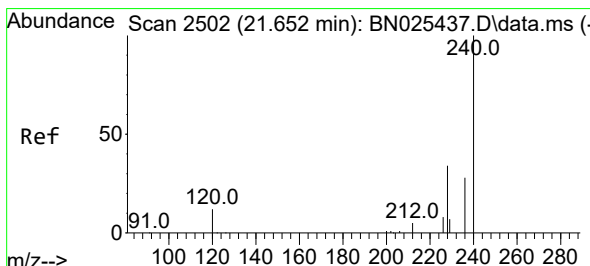
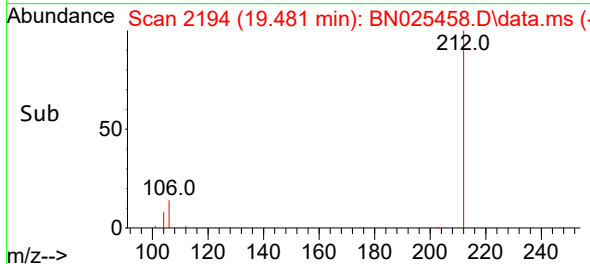
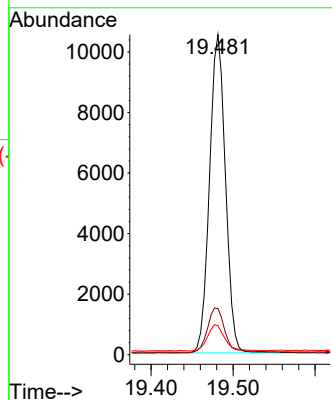
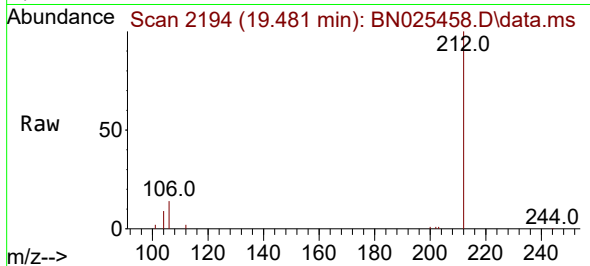




#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.481 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BN025458.D
Acq: 17 May 2023 18:06

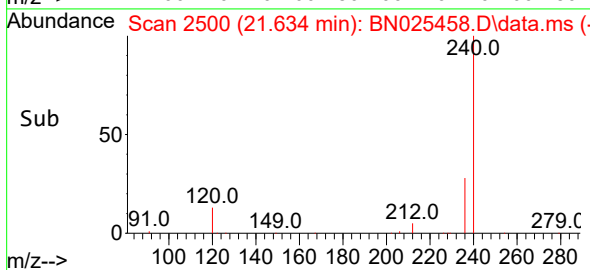
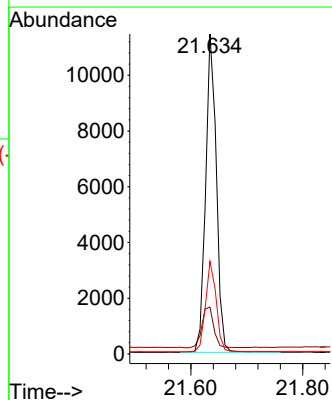
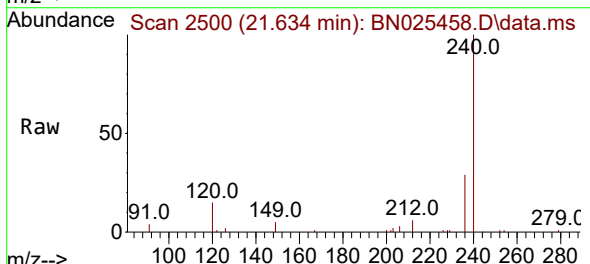
Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-74-051523

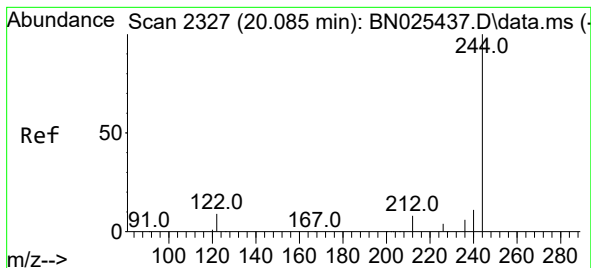
Tgt Ion:212 Resp: 14213
Ion Ratio Lower Upper
212 100
106 15.4 11.1 16.7
104 8.9 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.634 min Scan# 2500
Delta R.T. -0.009 min
Lab File: BN025458.D
Acq: 17 May 2023 18:06

Tgt Ion:240 Resp: 15140
Ion Ratio Lower Upper
240 100
120 14.6 11.6 17.4
236 29.0 22.9 34.3





#31

Terphenyl-d14

Concen: 0.342 ng

RT: 20.067 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN025458.D

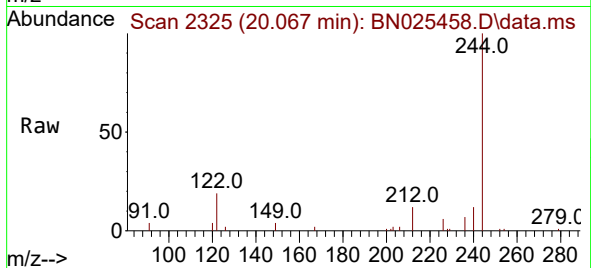
Acq: 17 May 2023 18:06

Instrument :

BNA_N

ClientSampleId :

CB-14-G1-SO-74-051523



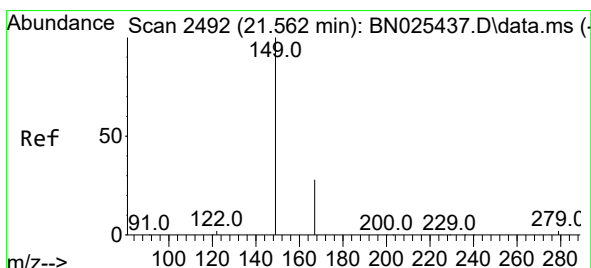
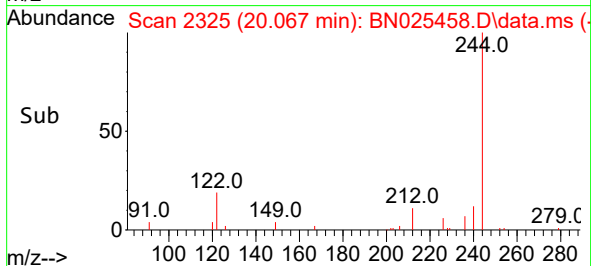
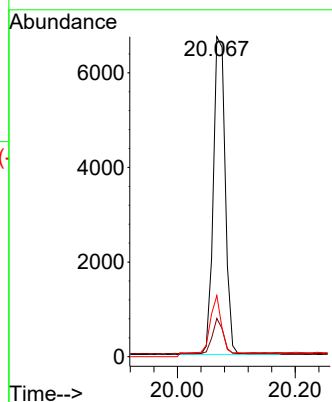
Tgt Ion:244 Resp: 9401

Ion Ratio Lower Upper

244 100

212 12.0 6.9 10.3#

122 19.1 7.4 11.2#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.619 ng

RT: 21.545 min Scan# 2490

Delta R.T. -0.009 min

Lab File: BN025458.D

Acq: 17 May 2023 18:06

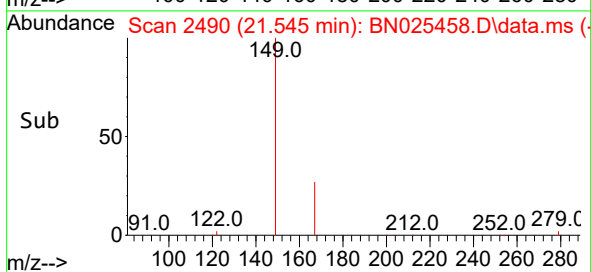
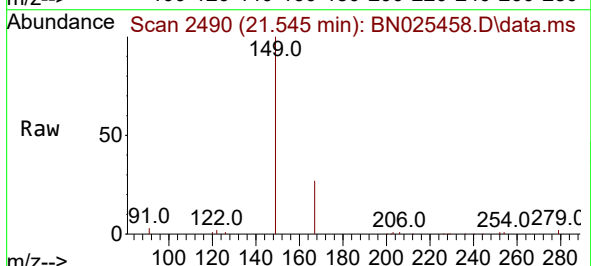
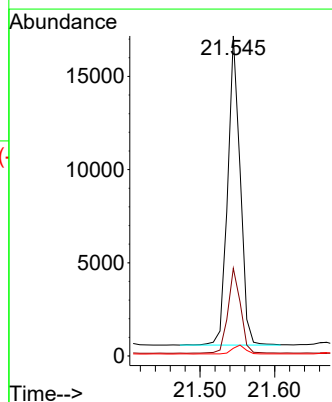
Tgt Ion:149 Resp: 19276

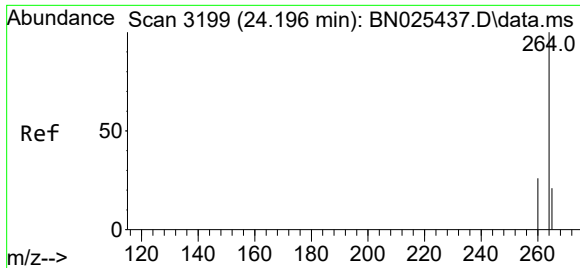
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

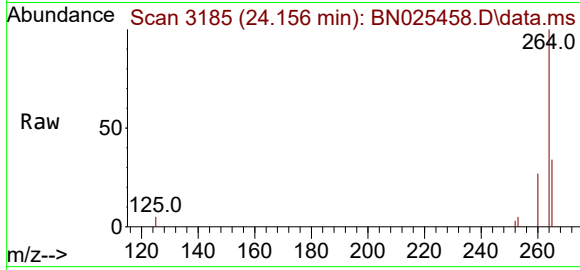
279 3.0 2.5 3.7





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.156 min Scan# 31
Delta R.T. -0.023 min
Lab File: BN025458.D
Acq: 17 May 2023 18:06

Instrument :
BNA_N
ClientSampleId :
CB-14-G1-SO-74-051523



Tgt Ion:264 Resp: 16071

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.0	31.6
265	34.3	25.5	38.3

