

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024358.D
 Acq On : 17 Mar 2023 22:32
 Operator : CG/JU
 Sample : 01879-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20230308

Quant Time: Mar 17 23:31:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 04:37:08 2023
 Response via : Initial Calibration

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

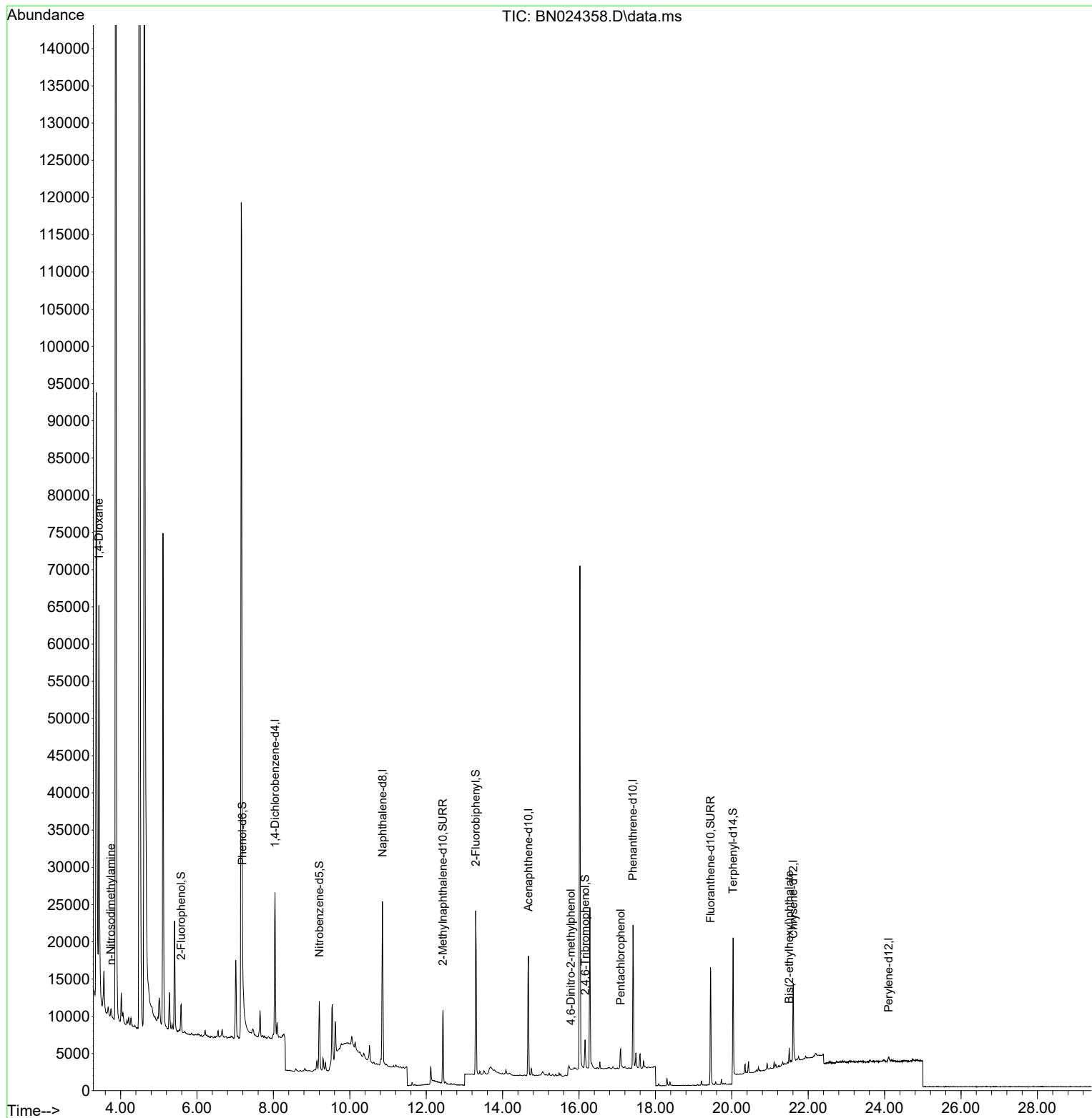
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	8895	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	27035	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	8932	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	24048	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	10539	0.400	ng	0.00
35) Perylene-d12	24.103	264	789	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	3058	0.155	ng	0.00
5) Phenol-d6	7.188	99	3737	0.148	ng	0.00
8) Nitrobenzene-d5	9.201	82	7251	0.401	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	12571	0.378	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1936	0.424	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	18476	0.548	ng	-0.01
27) Fluoranthene-d10	19.442	212	16334	0.320	ng	0.00
31) Terphenyl-d14	20.034	244	13404	0.754	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.432	88	33843	3.497	ng	96
3) n-Nitrosodimethylamine	3.743	42	421	0.030	ng	# 5
20) 4,6-Dinitro-2-methylph...	15.787	198	10	0.180	ng	# 1
24) Pentachlorophenol	17.090	266	212	0.148	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.502	149	2253	0.136	ng	91

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

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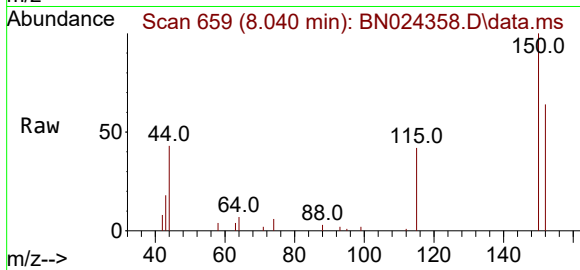
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration



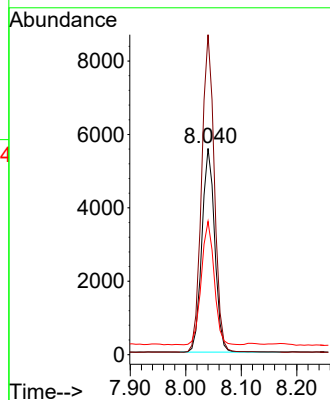
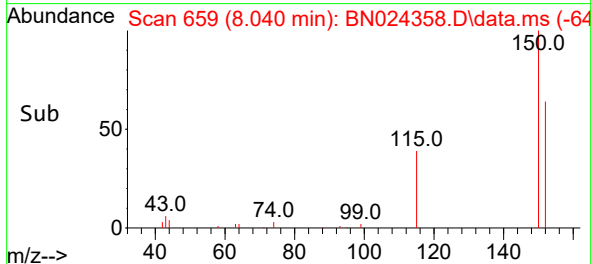


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024358.D
 Acq: 17 Mar 2023 22:32

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20230308

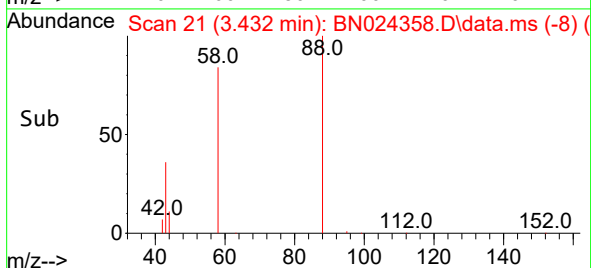
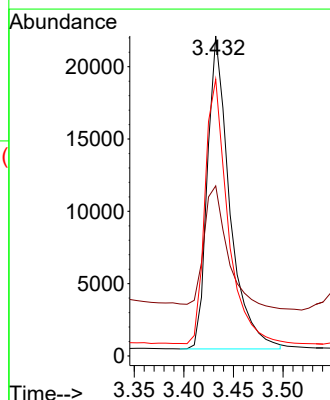
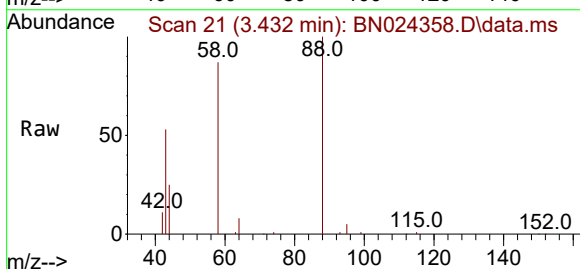


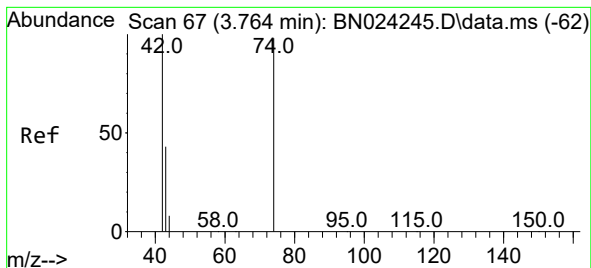
Tgt Ion:152 Resp: 8895
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.7 187.1
 115 64.6 49.1 73.7



#2
 1,4-Dioxane
 Concen: 3.497 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024358.D
 Acq: 17 Mar 2023 22:32

Tgt Ion: 88 Resp: 33843
 Ion Ratio Lower Upper
 88 100
 43 41.5 29.0 43.4
 58 86.1 67.3 100.9





#3

n-Nitrosodimethylamine

Concen: 0.030 ng

RT: 3.743 min Scan# 64

Delta R.T. -0.022 min

Lab File: BN024358.D

Acq: 17 Mar 2023 22:32

Instrument :

BNA_N

ClientSampleId :

RE104D1-20230308

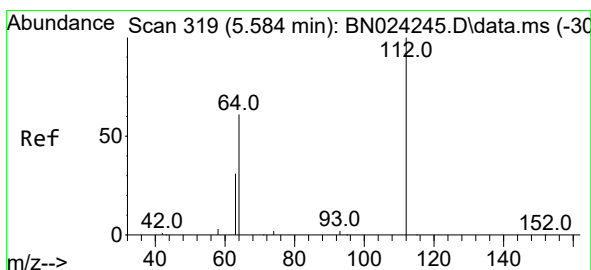
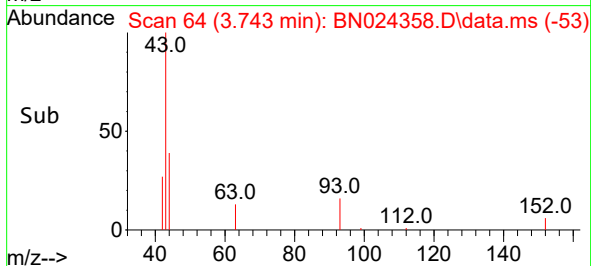
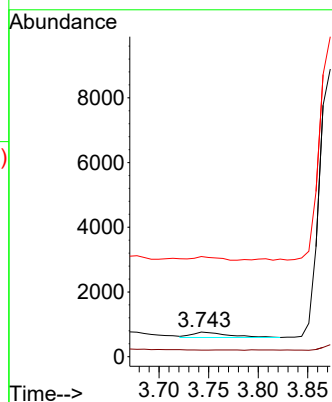
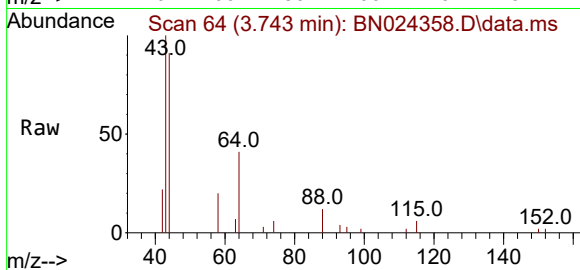
Tgt Ion: 42 Resp: 421

Ion Ratio Lower Upper

42 100

74 0.0 81.6 122.4#

44 0.0 7.3 10.9#



#4

2-Fluorophenol

Concen: 0.155 ng

RT: 5.584 min Scan# 319

Delta R.T. 0.007 min

Lab File: BN024358.D

Acq: 17 Mar 2023 22:32

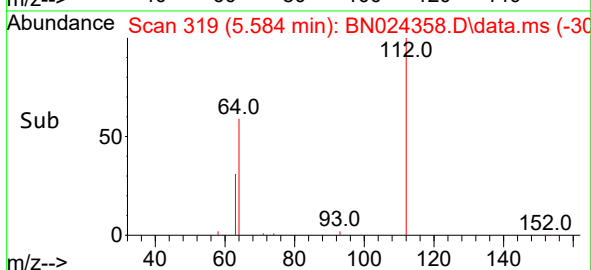
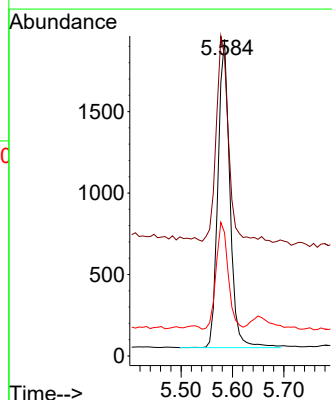
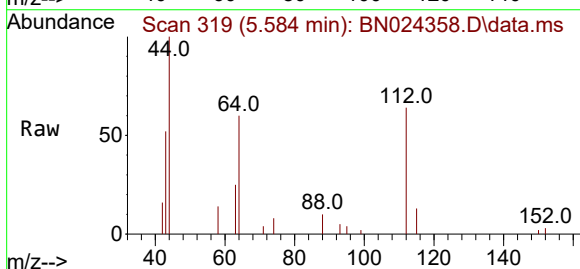
Tgt Ion: 112 Resp: 3058

Ion Ratio Lower Upper

112 100

64 69.5 49.0 73.6

63 34.9 25.7 38.5

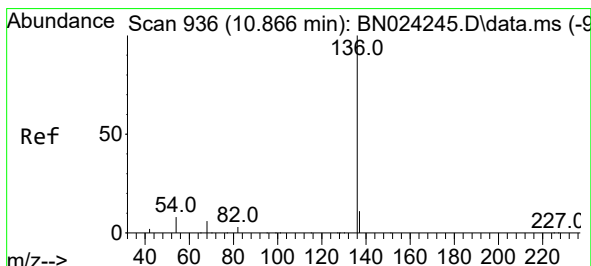
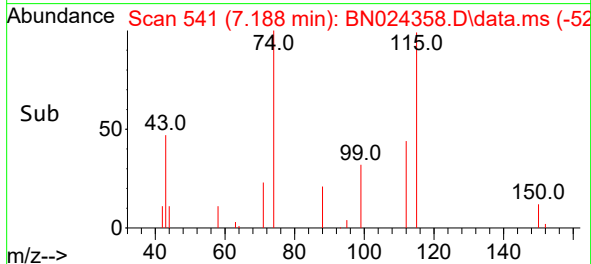
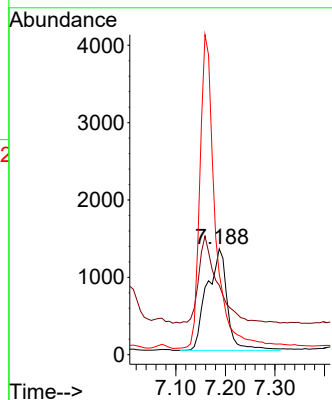
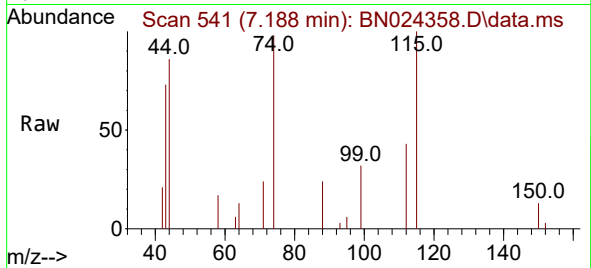




#5
Phenol-d6
Concen: 0.148 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024358.D
Acq: 17 Mar 2023 22:32

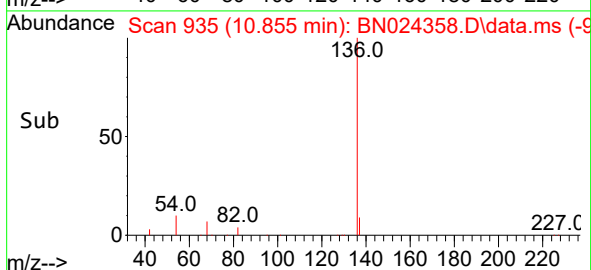
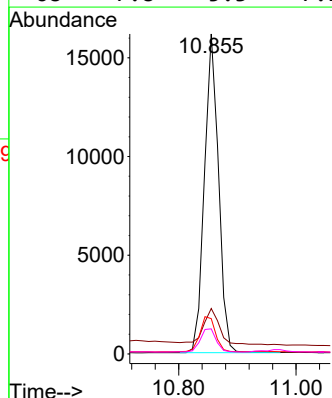
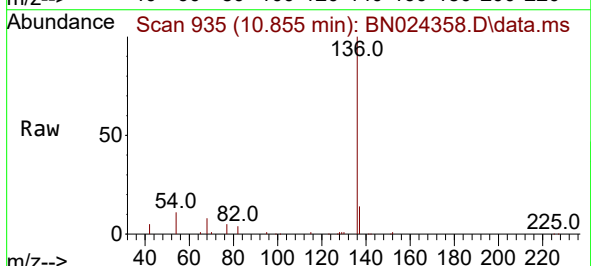
Instrument :
BNA_N
ClientSampleId :
RE104D1-20230308

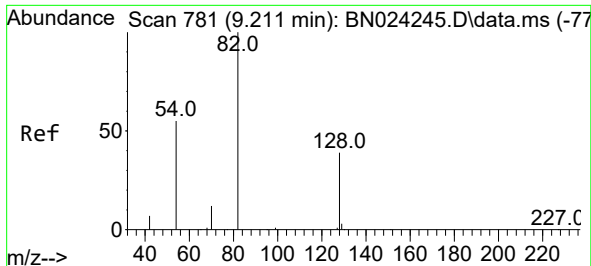
Tgt Ion: 99 Resp: 3737
Ion Ratio Lower Upper
99 100
42 0.0 20.1 30.1#
71 0.0 25.8 38.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024358.D
Acq: 17 Mar 2023 22:32

Tgt Ion: 136 Resp: 27035
Ion Ratio Lower Upper
136 100
137 14.2 8.9 13.3#
54 11.0 7.1 10.7#
68 7.8 5.3 7.9

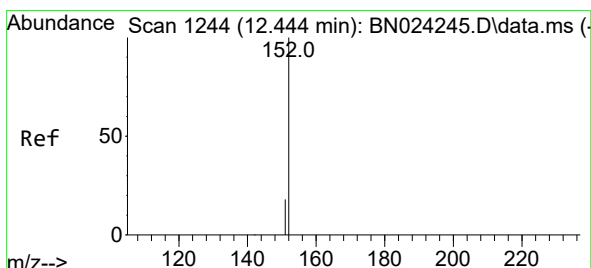
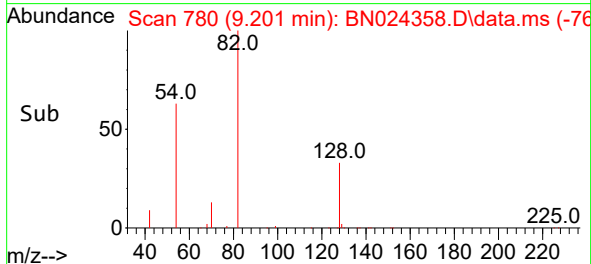
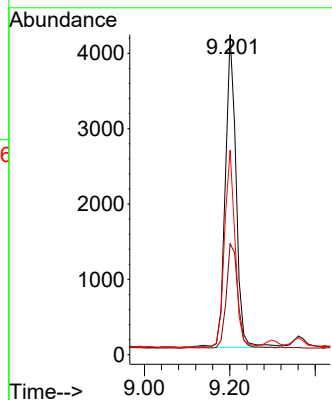
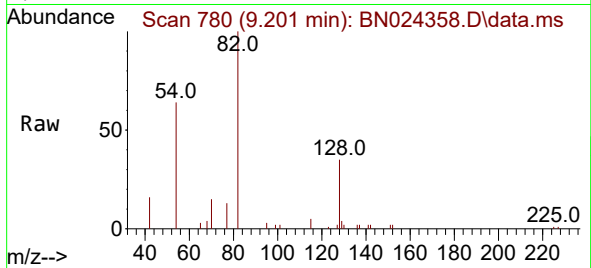




#8
 Nitrobenzene-d5
 Concen: 0.401 ng
 RT: 9.201 min Scan# 781
 Delta R.T. 0.000 min
 Lab File: BN024358.D
 Acq: 17 Mar 2023 22:32

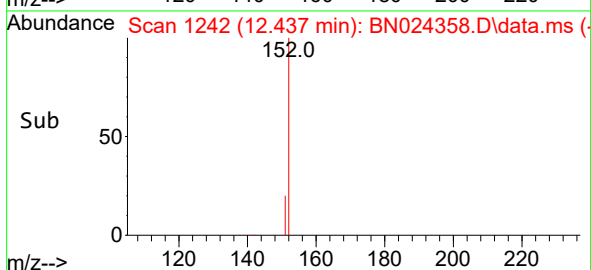
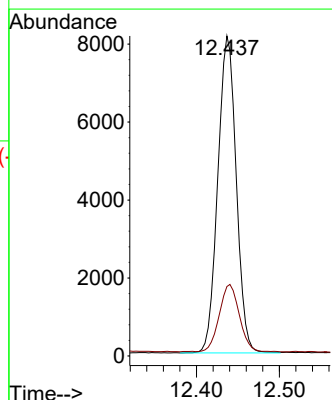
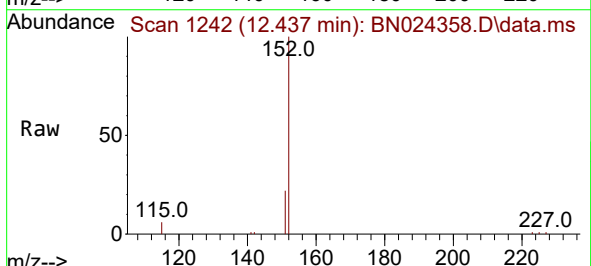
Instrument :
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 ClientSampleId :
 RE104D1-20230308

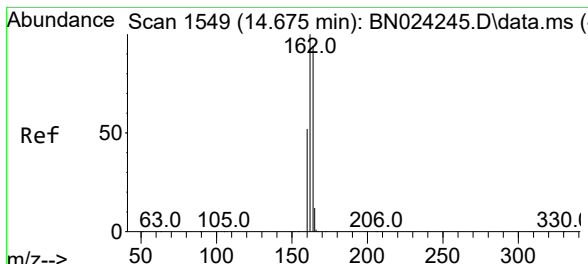
Tgt Ion: 82 Resp: 7251
 Ion Ratio Lower Upper
 82 100
 128 34.7 32.4 48.6
 54 63.9 45.2 67.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.378 ng
 RT: 12.437 min Scan# 1242
 Delta R.T. -0.004 min
 Lab File: BN024358.D
 Acq: 17 Mar 2023 22:32

Tgt Ion: 152 Resp: 12571
 Ion Ratio Lower Upper
 152 100
 151 23.1 16.8 25.2

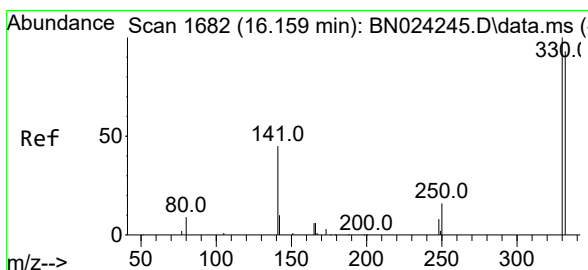
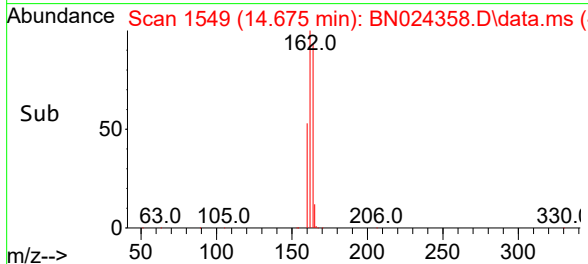
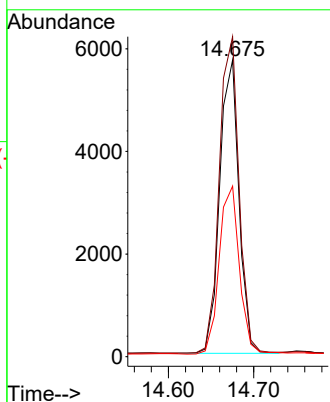
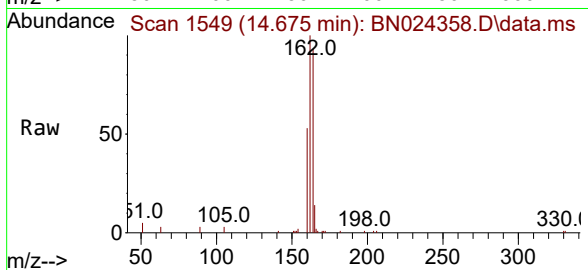




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.675 min Scan# 1549
 Delta R.T. 0.000 min
 Lab File: BN024358.D
 Acq: 17 Mar 2023 22:32

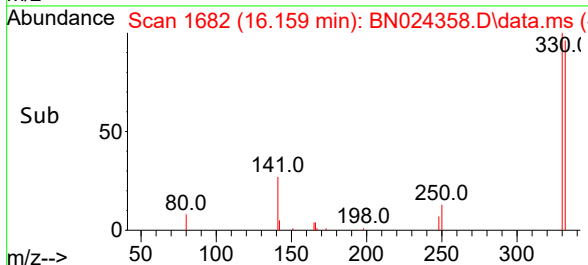
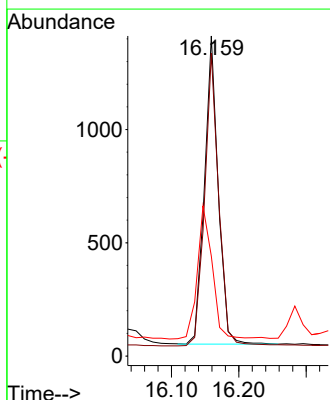
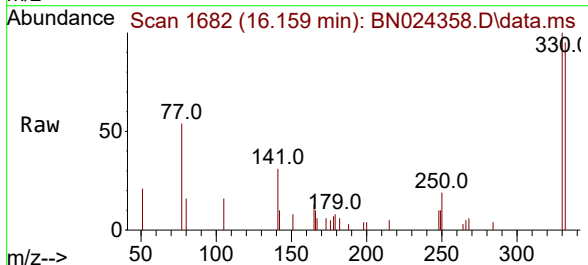
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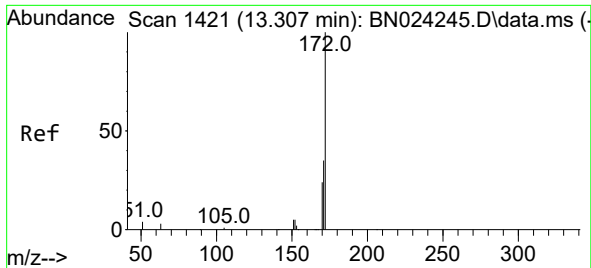
Tgt Ion:	164	Resp:	8932
Ion	Ratio	Lower	Upper
164	100		
162	107.9	84.7	127.1
160	57.5	44.6	66.8



#14
 2,4,6-Tribromophenol
 Concen: 0.424 ng
 RT: 16.159 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: BN024358.D
 Acq: 17 Mar 2023 22:32

Tgt Ion:	330	Resp:	1936
Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.0	117.0
141	47.1	30.8	46.2

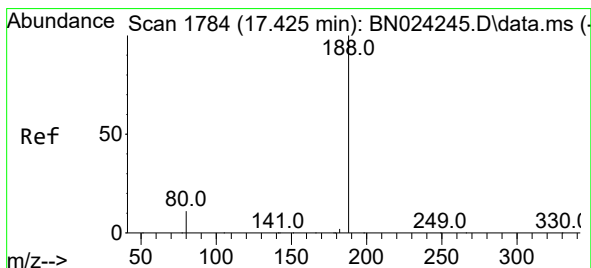
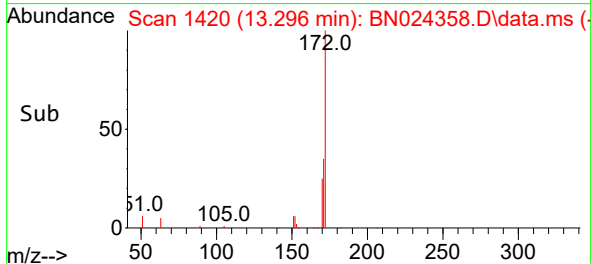
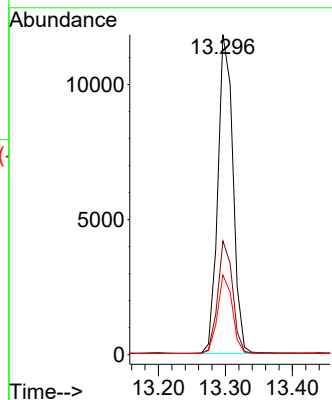
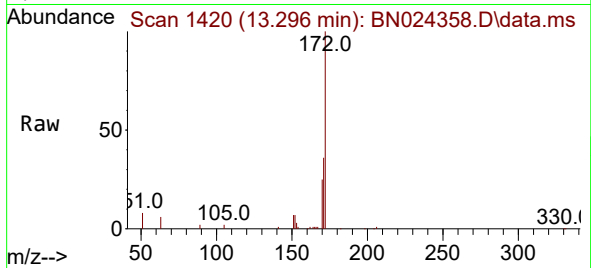




#15
2-Fluorobiphenyl
Concen: 0.548 ng
RT: 13.296 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN024358.D
Acq: 17 Mar 2023 22:32

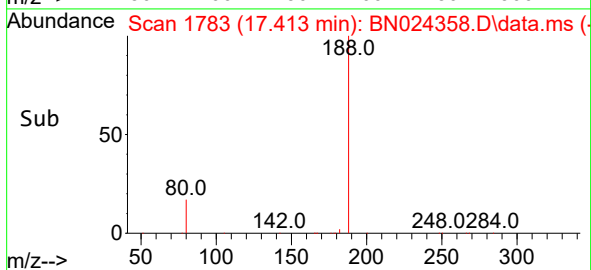
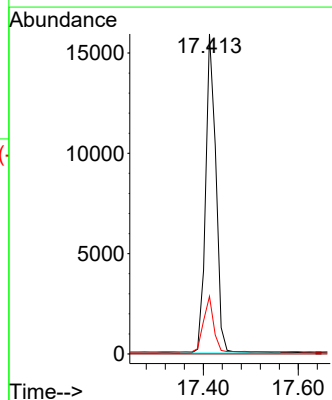
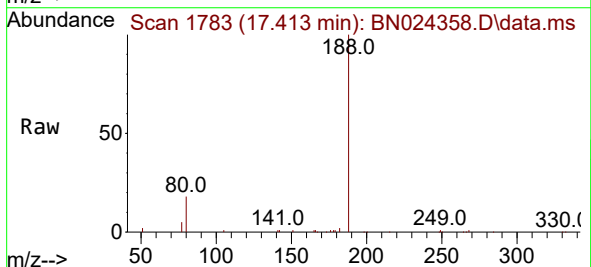
Instrument :
BNA_N
ClientSampleId :
RE104D1-20230308

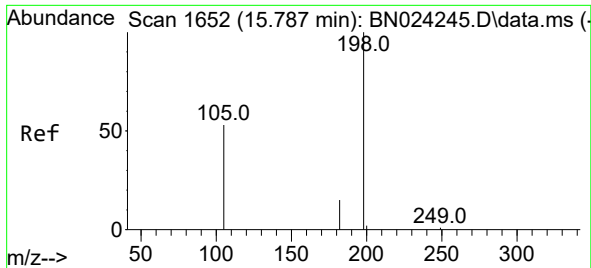
Tgt Ion:172 Resp: 18476
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 24.9 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN024358.D
Acq: 17 Mar 2023 22:32

Tgt Ion:188 Resp: 24048
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 18.0 8.9 13.3#

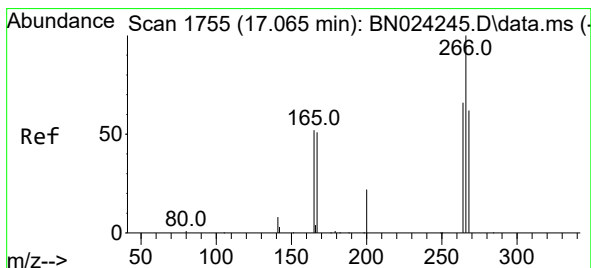
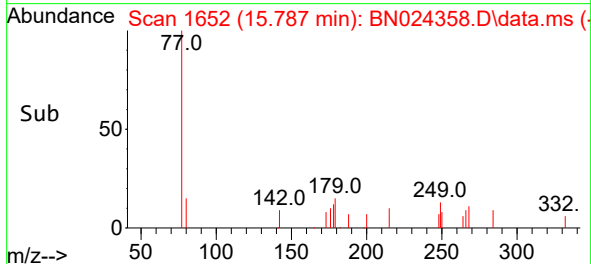
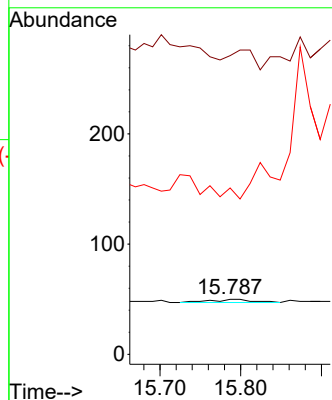
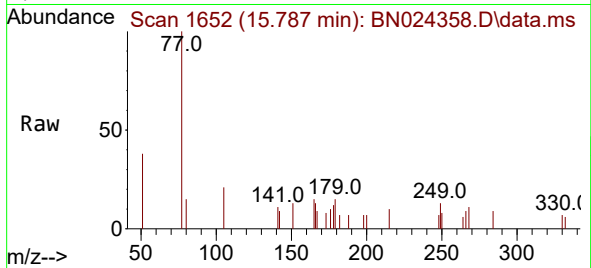




#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024358.D
Acq: 17 Mar 2023 22:32

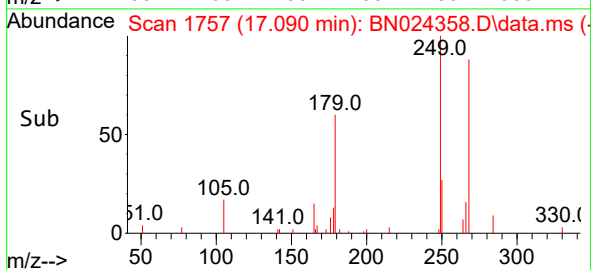
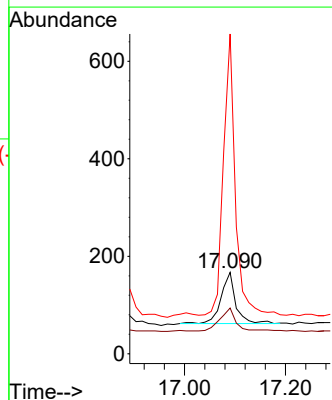
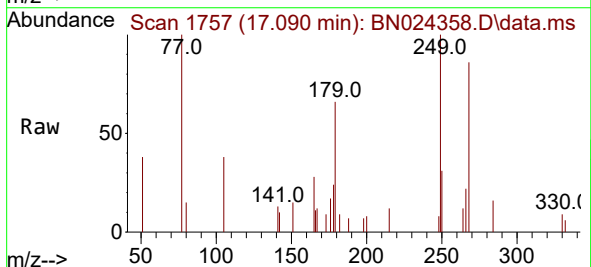
Instrument :
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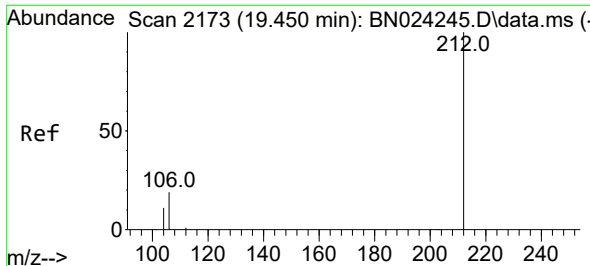
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 542.0 68.2 102.2#
105 302.0 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.148 ng
RT: 17.090 min Scan# 1757
Delta R.T. 0.025 min
Lab File: BN024358.D
Acq: 17 Mar 2023 22:32

Tgt Ion:266 Resp: 212
Ion Ratio Lower Upper
266 100
264 48.1 51.1 76.7#
268 442.0 52.2 78.4#

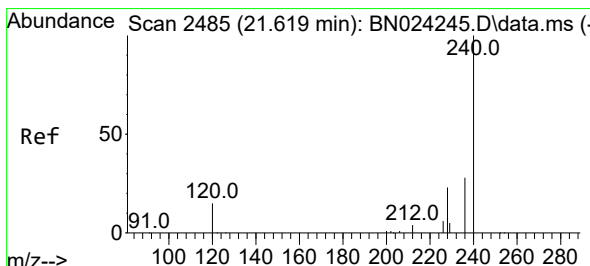
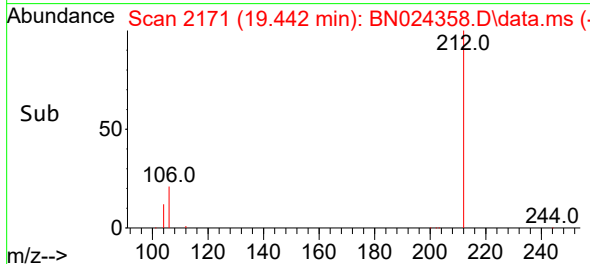
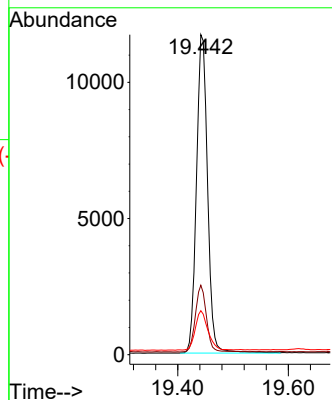
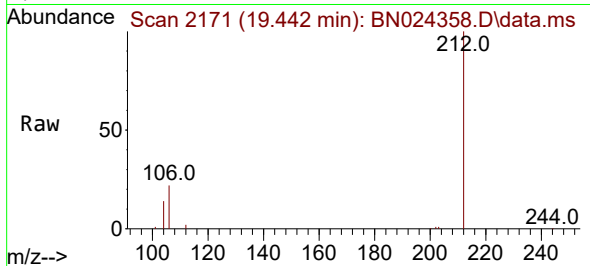




#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.442 min Scan# 2171
Delta R.T. -0.004 min
Lab File: BN024358.D
Acq: 17 Mar 2023 22:32

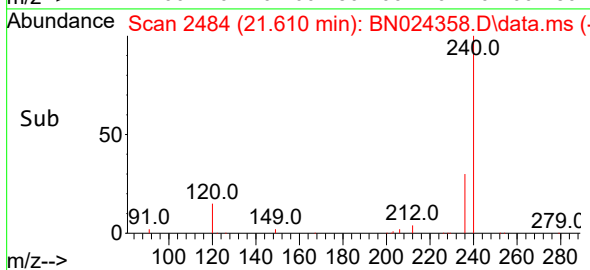
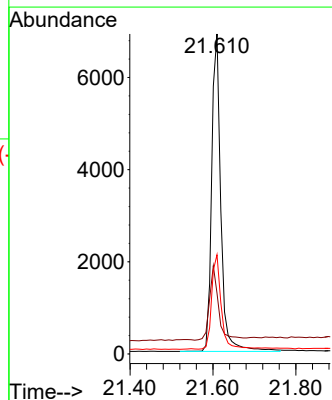
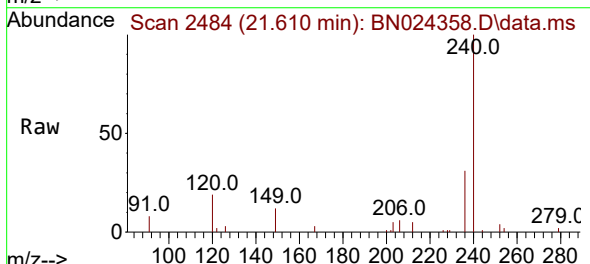
Instrument :
BNA_N
ClientSampleId :
RE104D1-20230308

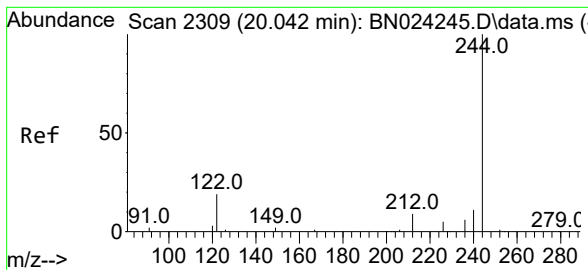
Tgt Ion:212 Resp: 16334
Ion Ratio Lower Upper
212 100
106 20.7 15.4 23.2
104 14.0 8.6 13.0#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024358.D
Acq: 17 Mar 2023 22:32

Tgt Ion:240 Resp: 10539
Ion Ratio Lower Upper
240 100
120 19.0 12.8 19.2
236 31.0 22.5 33.7





#31

Terphenyl-d14

Concen: 0.754 ng

RT: 20.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024358.D

Acq: 17 Mar 2023 22:32

Instrument :

BNA_N

ClientSampleId :

RE104D1-20230308

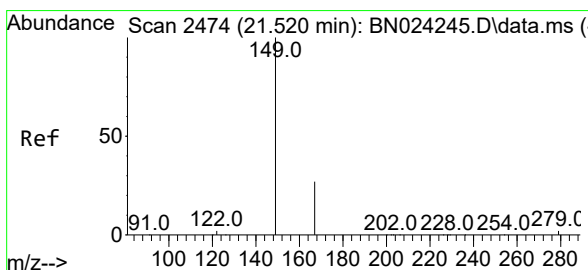
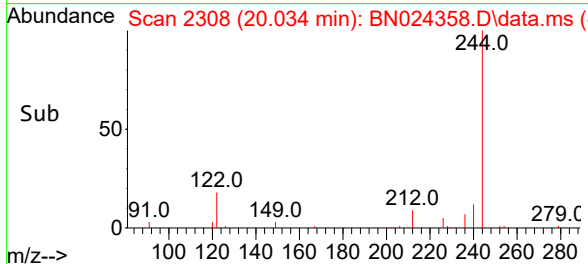
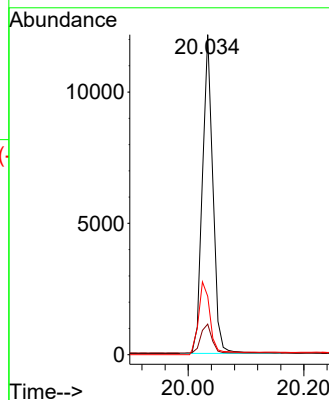
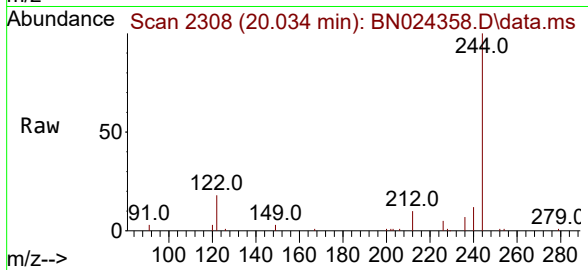
Tgt Ion:244 Resp: 13404

Ion Ratio Lower Upper

244 100

212 9.6 7.6 11.4

122 18.3 15.1 22.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.136 ng

RT: 21.502 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BN024358.D

Acq: 17 Mar 2023 22:32

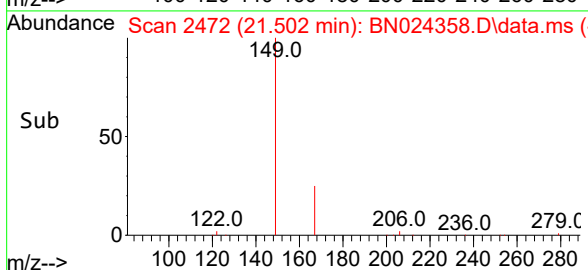
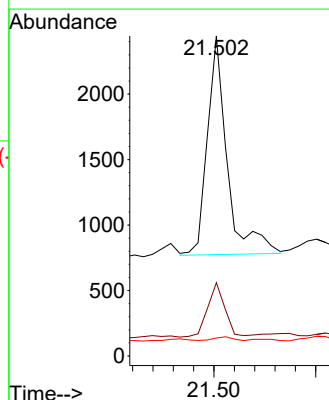
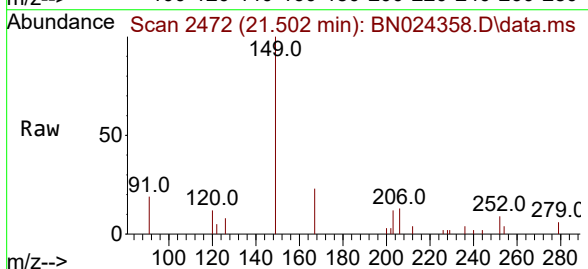
Tgt Ion:149 Resp: 2253

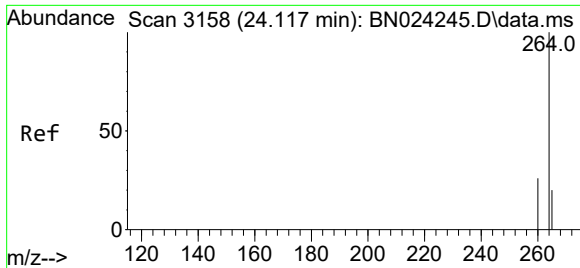
Ion Ratio Lower Upper

149 100

167 21.5 21.2 31.8

279 2.0 1.8 2.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.103 min Scan# 31

Delta R.T. -0.012 min

Lab File: BN024358.D

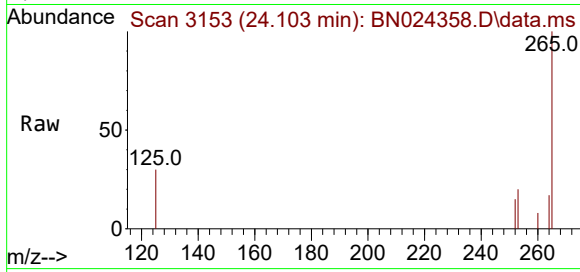
Acq: 17 Mar 2023 22:32

Instrument :

BNA_N

ClientSampleId :

RE104D1-20230308



Tgt Ion:264 Resp: 789

Ion Ratio Lower Upper

264 100

260 48.5 21.4 32.2#

265 596.8 35.7 53.5#

