

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024323.D
 Acq On : 16 Mar 2023 22:26
 Operator : CG/JU
 Sample : 01843-05DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 17 04:44:21 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)

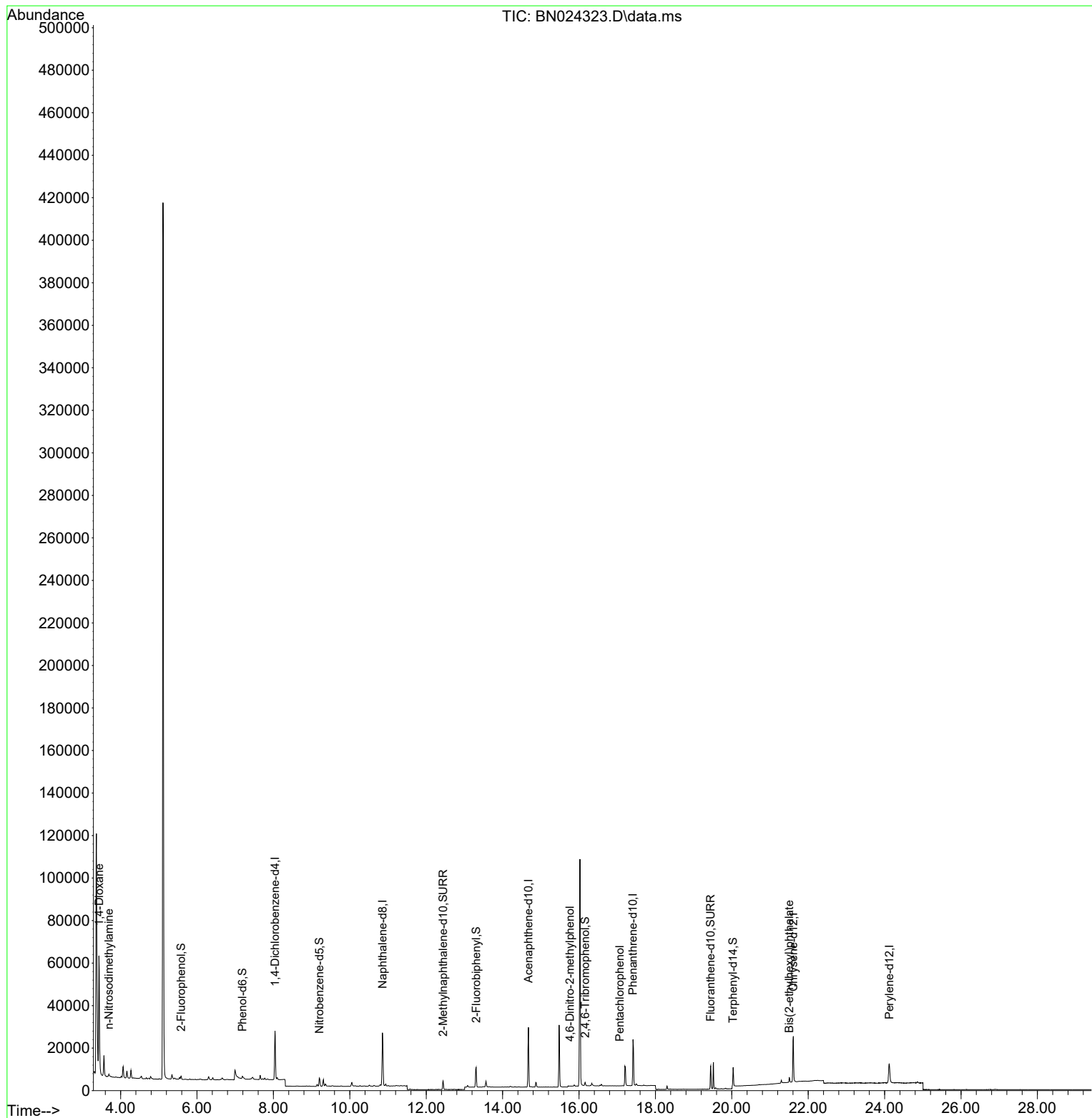
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	10562	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	31464	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	14868	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	29690	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	21706	0.400	ng	0.00
35) Perylene-d12	24.120	264	15885	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	1253	0.054	ng	0.00
5) Phenol-d6	7.188	99	983	0.033	ng	0.00
8) Nitrobenzene-d5	9.201	82	3245	0.154	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	5446	0.141	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	816	0.107	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	8356	0.149	ng	0.00
27) Fluoranthene-d10	19.446	212	11103	0.176	ng	0.00
31) Terphenyl-d14	20.034	244	6726	0.184	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.439	88	33033	2.874	ng	97
3) n-Nitrosodimethylamine	3.692	42	409	0.024	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.762	198	4	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	38	0.131	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.502	149	2518	0.074	ng	# 95

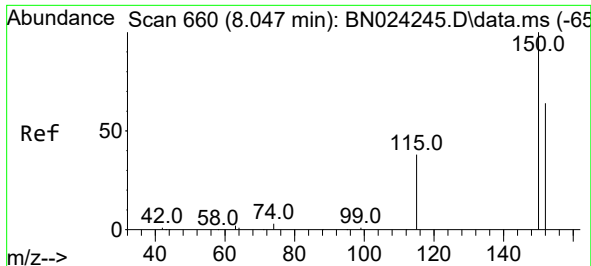
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
Data File : BN024323.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
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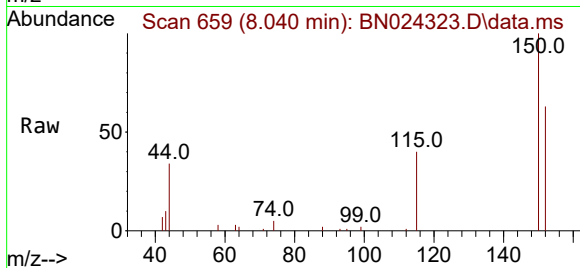
Quant Time: Mar 17 04:44:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
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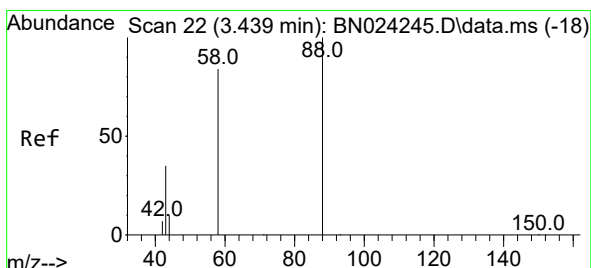
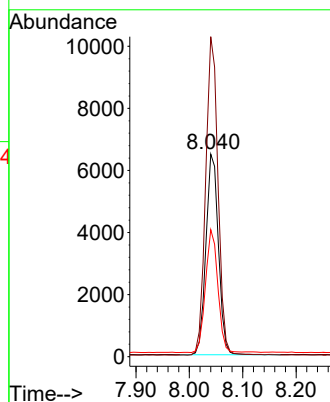
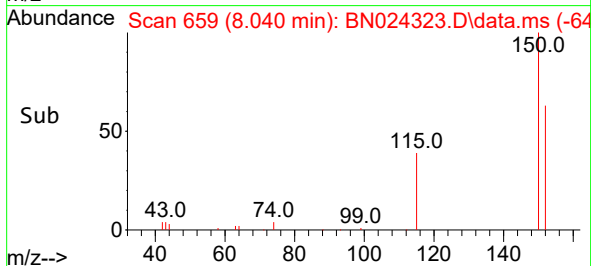


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 6
 Delta R.T. 0.000 min
 Lab File: BN024323.D
 Acq: 16 Mar 2023 22:26

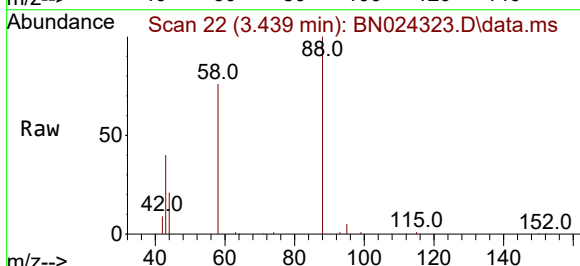
Instrument :
 BNA_N
 ClientSampleId :



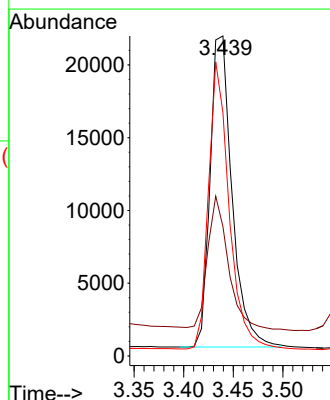
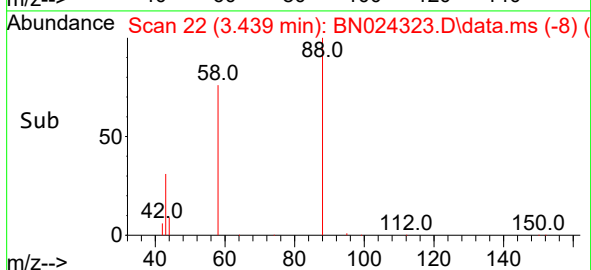
Tgt Ion:152 Resp: 10562
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.7 187.1
 115 62.7 49.1 73.7

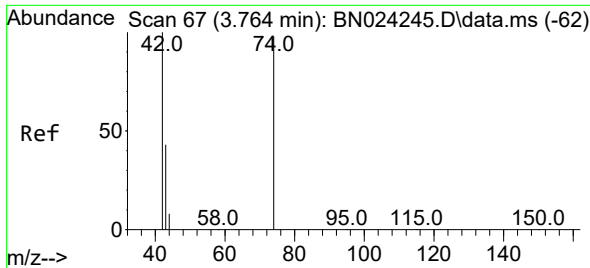


#2
 1,4-Dioxane
 Concen: 2.874 ng
 RT: 3.439 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN024323.D
 Acq: 16 Mar 2023 22:26



Tgt Ion: 88 Resp: 33033
 Ion Ratio Lower Upper
 88 100
 43 40.0 29.0 43.4
 58 86.1 67.3 100.9

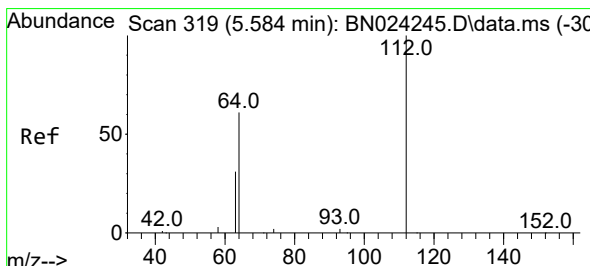
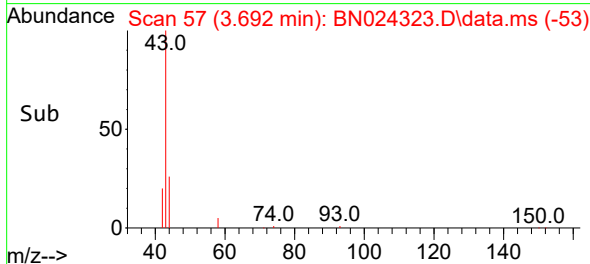
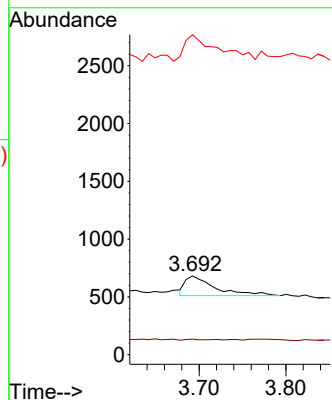
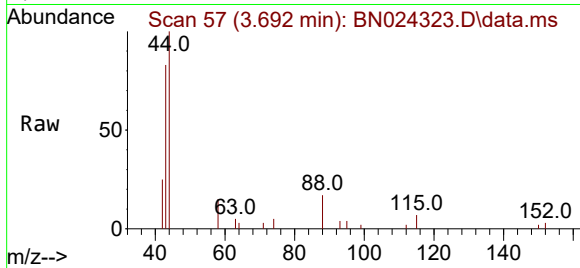




#3
 n-Nitrosodimethylamine
 Concen: 0.024 ng
 RT: 3.692 min Scan# 51
 Delta R.T. -0.072 min
 Lab File: BN024323.D
 Acq: 16 Mar 2023 22:26

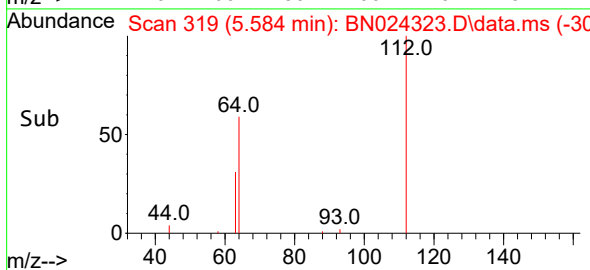
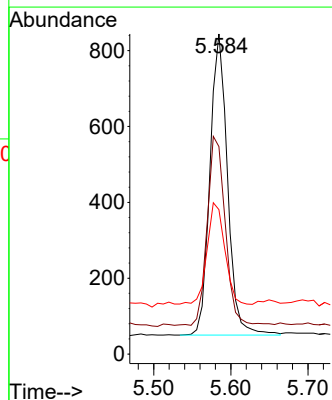
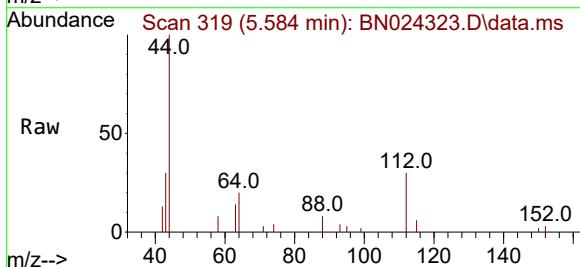
Instrument :
 BNA_N
 ClientSampleId :

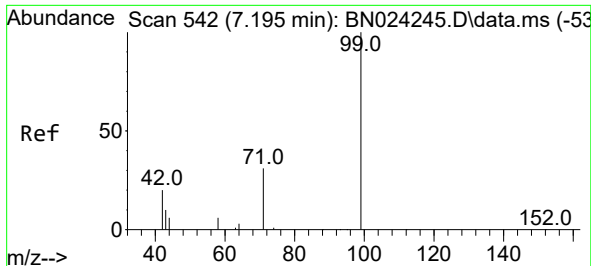
Tgt Ion: 42 Resp: 409
 Ion Ratio Lower Upper
 42 100
 74 2.4 81.6 122.4#
 44 125.4 7.3 10.9#



#4
 2-Fluorophenol
 Concen: 0.054 ng
 RT: 5.584 min Scan# 319
 Delta R.T. 0.007 min
 Lab File: BN024323.D
 Acq: 16 Mar 2023 22:26

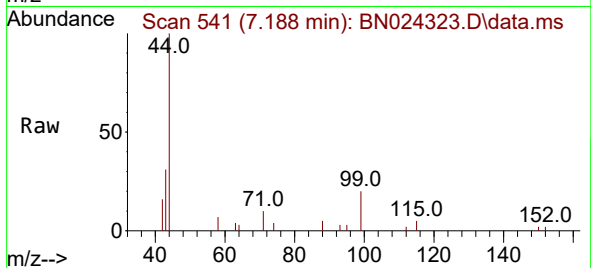
Tgt Ion: 112 Resp: 1253
 Ion Ratio Lower Upper
 112 100
 64 63.5 49.0 73.6
 63 34.7 25.7 38.5



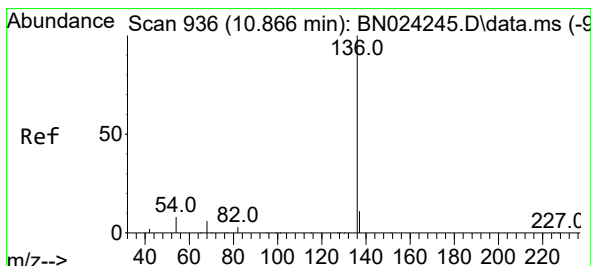
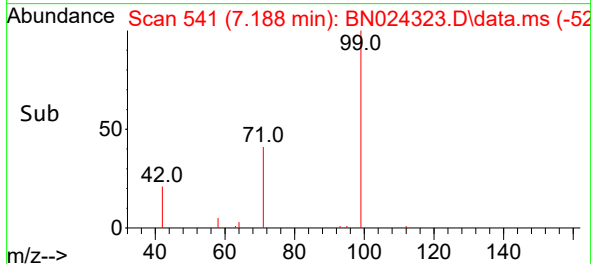
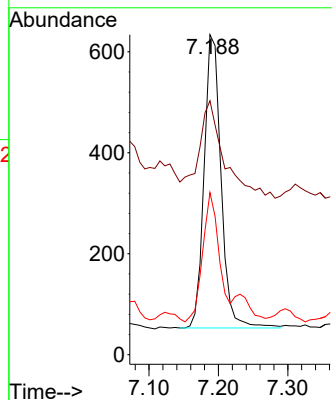


#5
Phenol-d6
Concen: 0.033 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

Instrument :
BNA_N
ClientSampleId :

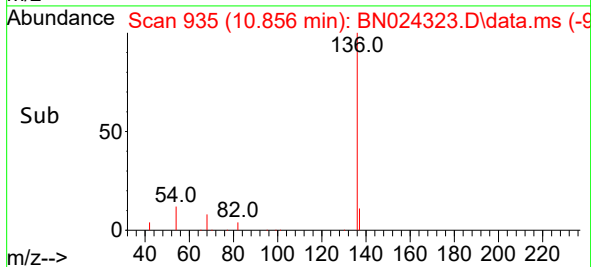
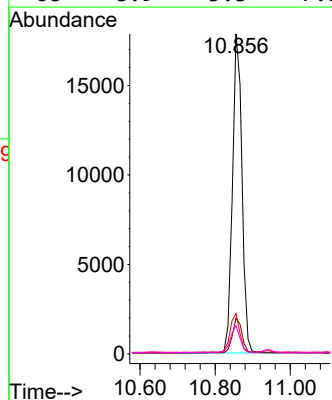
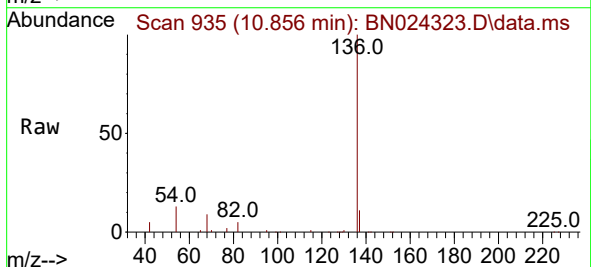


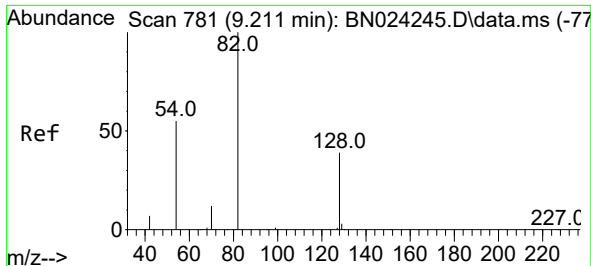
Tgt Ion: 99 Resp: 983
Ion Ratio Lower Upper
99 100
42 48.8 20.1 30.1#
71 43.1 25.8 38.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

Tgt Ion: 136 Resp: 31464
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 12.6 7.1 10.7#
68 8.9 5.3 7.9#

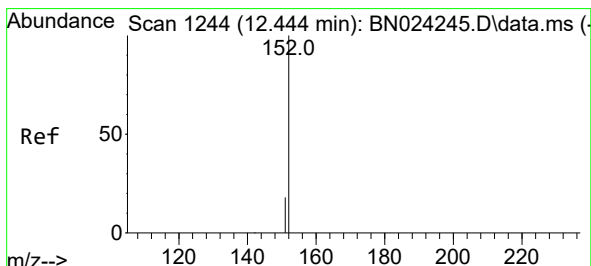
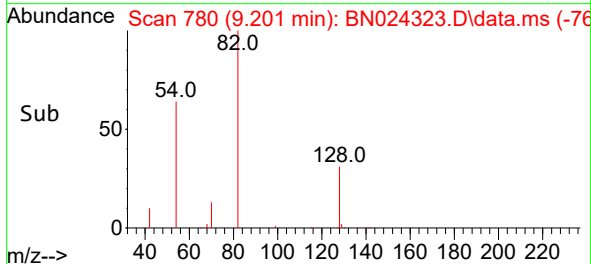
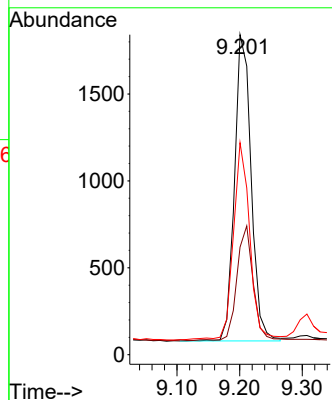
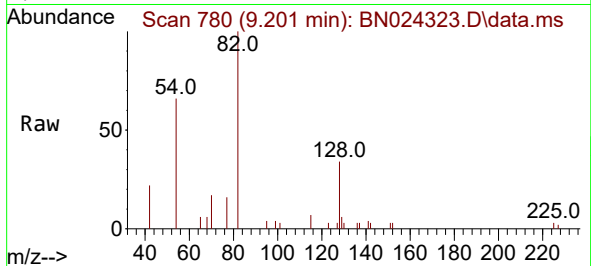




#8
Nitrobenzene-d5
Concen: 0.154 ng
RT: 9.201 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

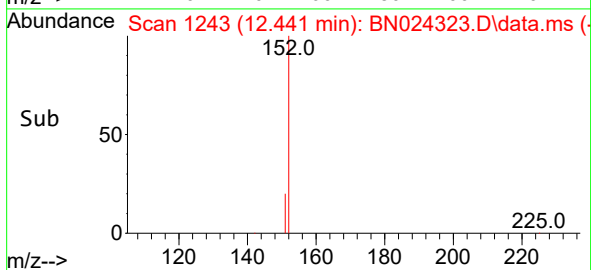
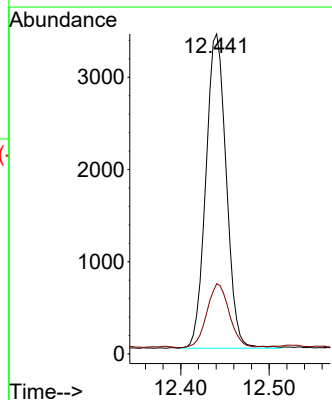
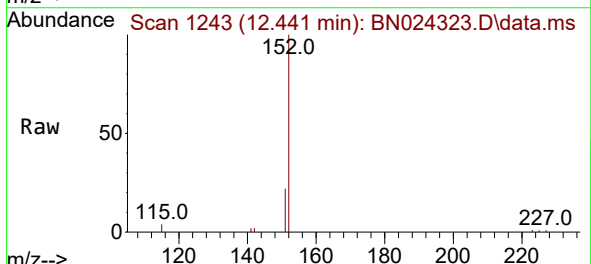
Instrument :
BNA_N
ClientSampleId :

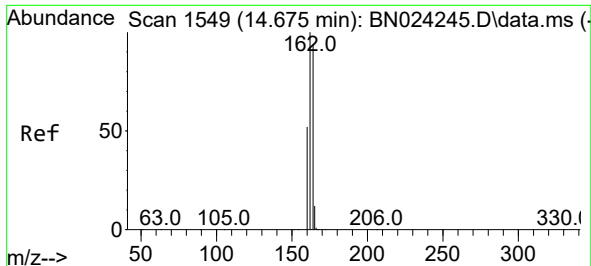
Tgt Ion: 82 Resp: 3245
Ion Ratio Lower Upper
82 100
128 33.6 32.4 48.6
54 66.3 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.141 ng
RT: 12.441 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

Tgt Ion: 152 Resp: 5446
Ion Ratio Lower Upper
152 100
151 22.5 16.8 25.2

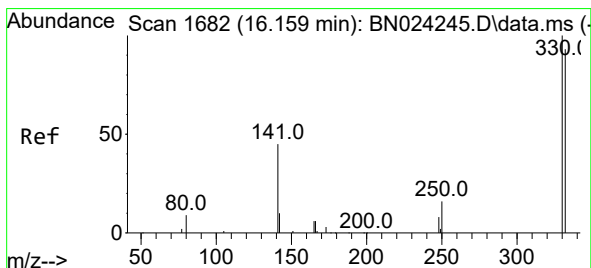
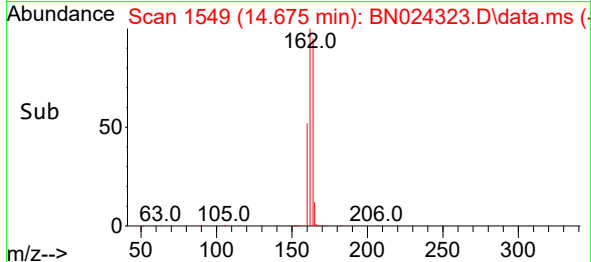
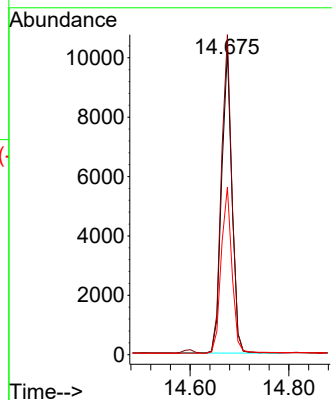
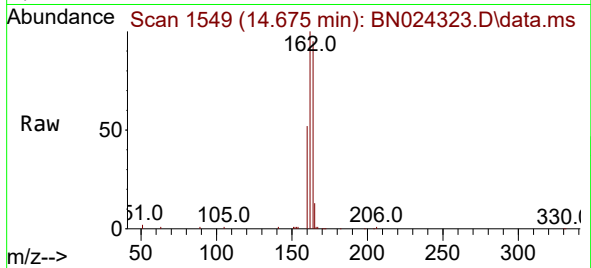




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

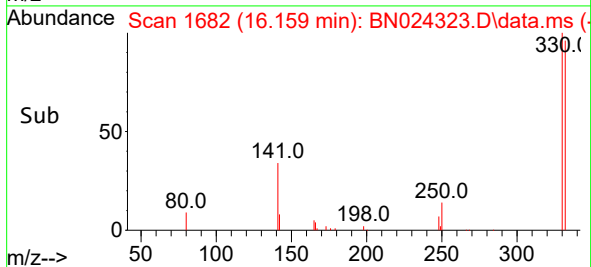
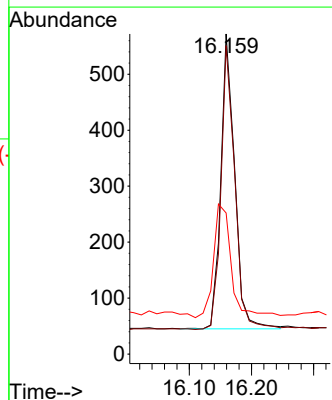
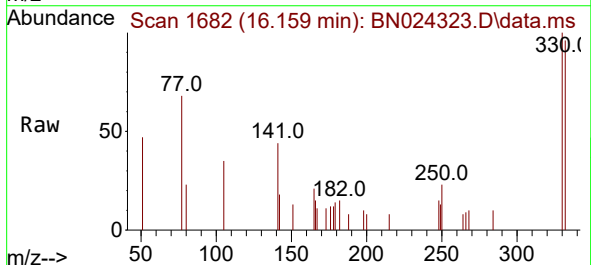
Instrument :
BNA_N
ClientSampleId :

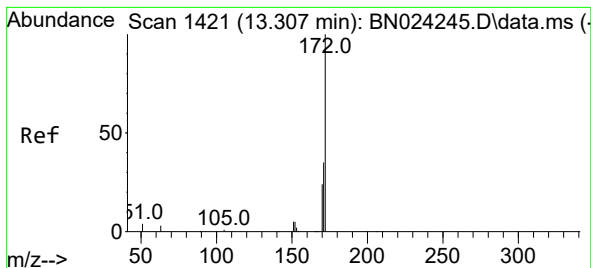
Tgt Ion:164 Resp: 14868
Ion Ratio Lower Upper
164 100
162 105.0 84.7 127.1
160 54.9 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.107 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

Tgt Ion:330 Resp: 816
Ion Ratio Lower Upper
330 100
332 95.6 78.0 117.0
141 49.5 30.8 46.2#





#15

2-Fluorobiphenyl

Concen: 0.149 ng

RT: 13.307 min Scan# 14

Delta R.T. 0.000 min

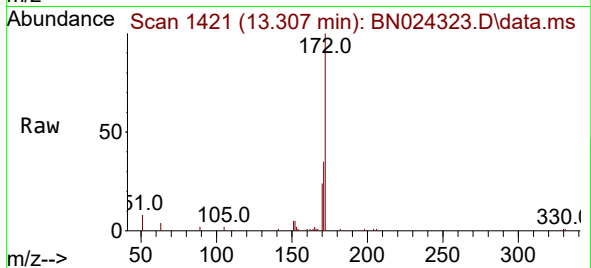
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Acq: 16 Mar 2023 22:26

Instrument :

BNA_N

ClientSampleId :



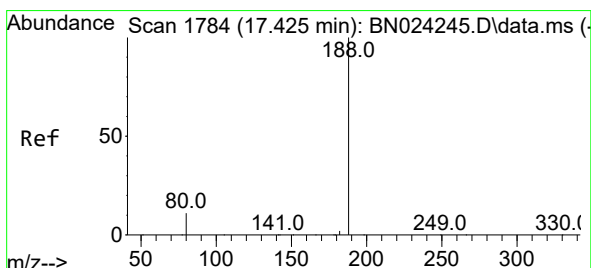
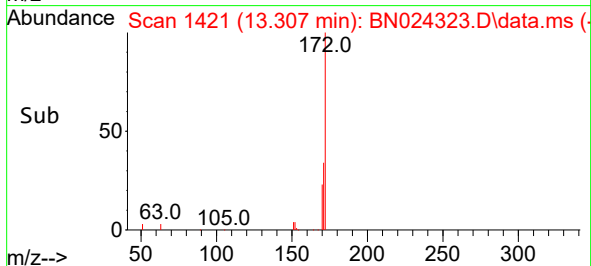
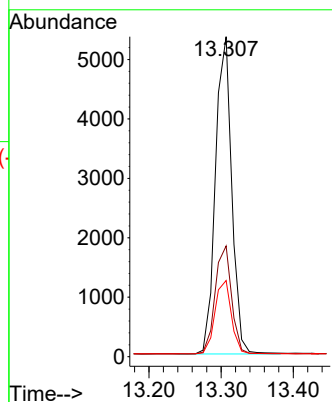
Tgt Ion:172 Resp: 8356

Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.8

170 23.8 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: BN024323.D

Acq: 16 Mar 2023 22:26

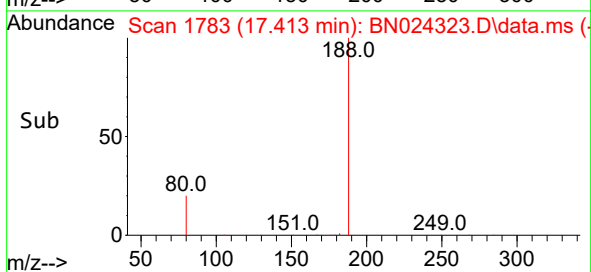
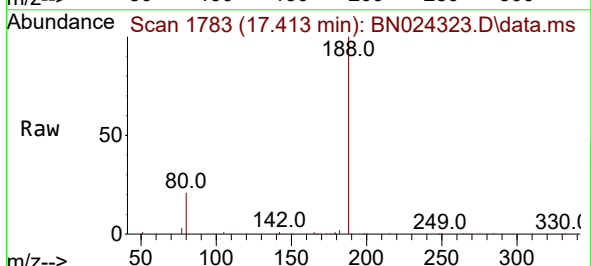
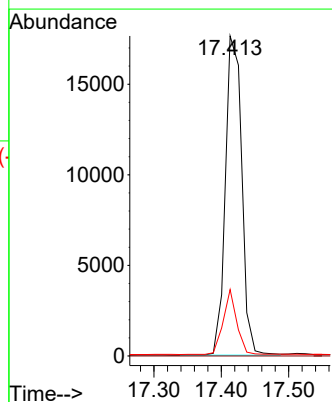
Tgt Ion:188 Resp: 29690

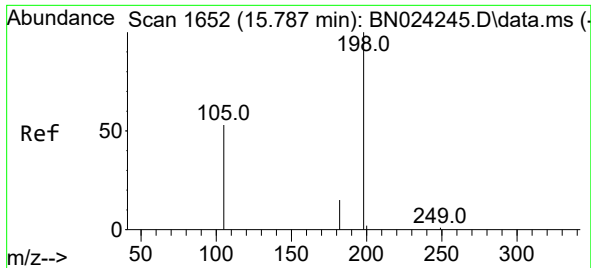
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 20.7 8.9 13.3#

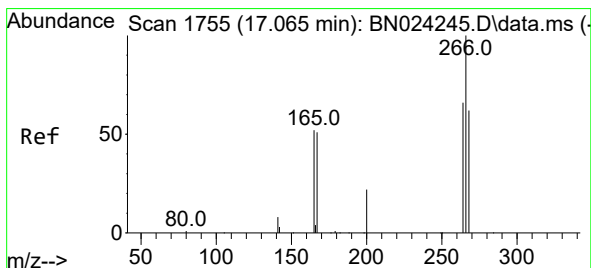
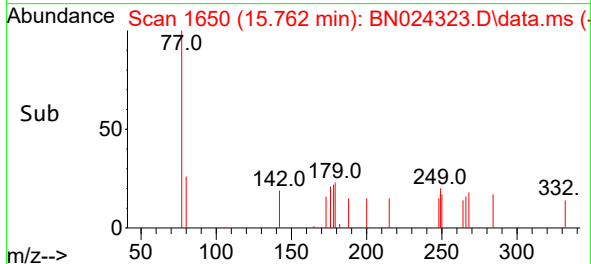
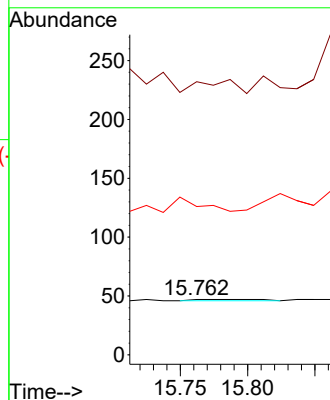
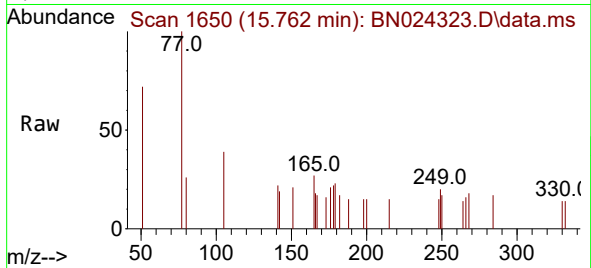




#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.762 min Scan# 1650
Delta R.T. -0.025 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

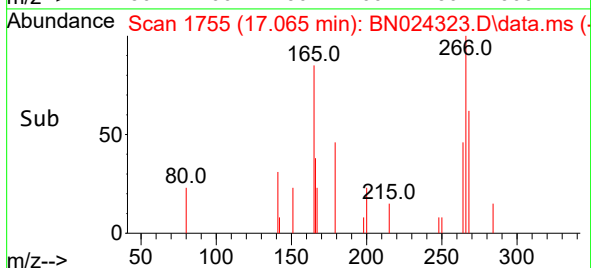
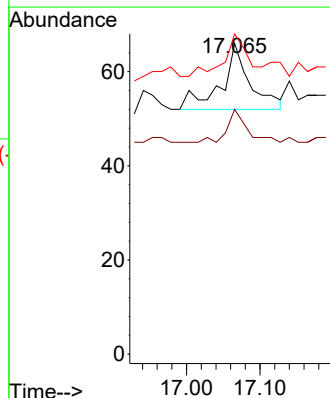
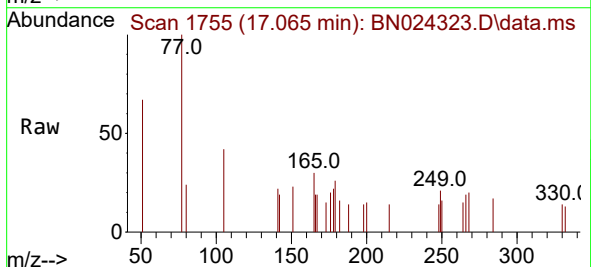
Instrument :
BNA_N
ClientSampleId :

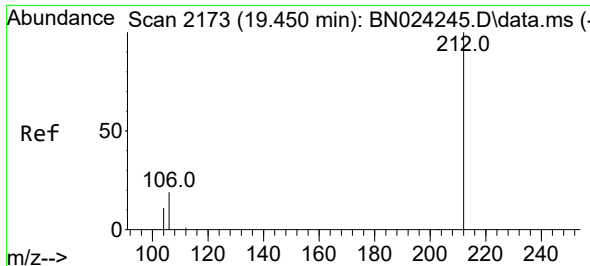
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 493.6 68.2 102.2#
105 268.1 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.131 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

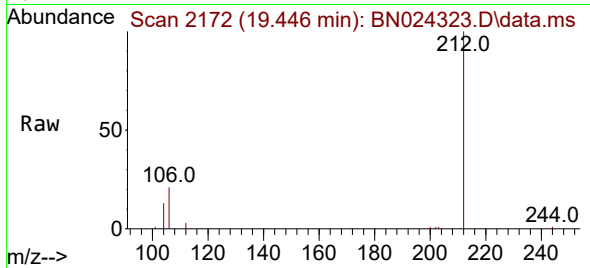
Tgt Ion:266 Resp: 38
Ion Ratio Lower Upper
266 100
264 34.2 51.1 76.7#
268 52.6 52.2 78.4



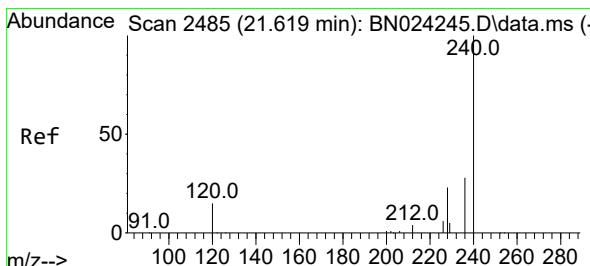
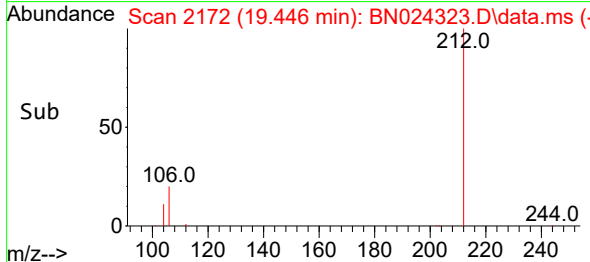
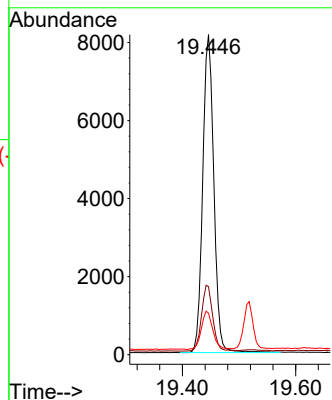


#27
Fluoranthene-d10
Concen: 0.176 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

Instrument :
BNA_N
ClientSampleId :

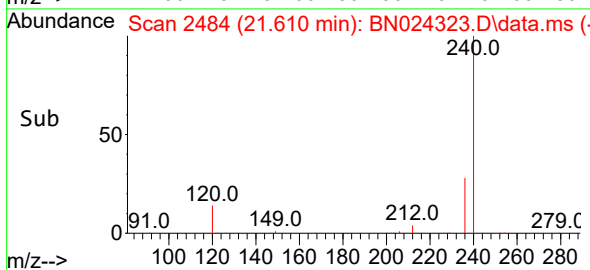
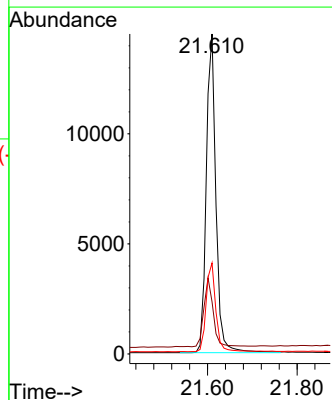
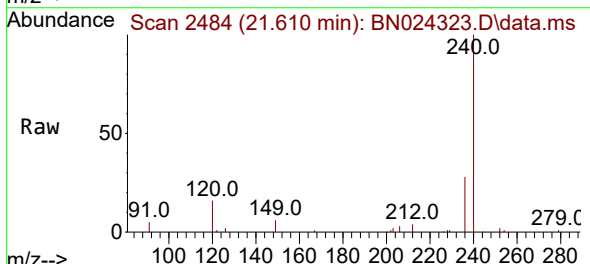


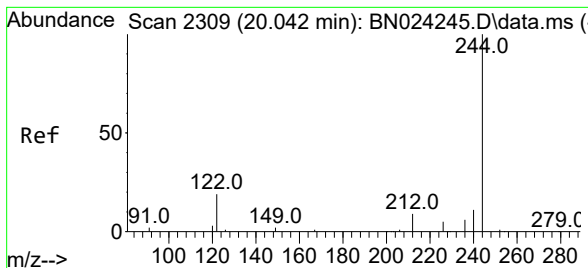
Tgt Ion:212 Resp: 11103
Ion Ratio Lower Upper
212 100
106 20.9 15.4 23.2
104 12.5 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024323.D
Acq: 16 Mar 2023 22:26

Tgt Ion:240 Resp: 21706
Ion Ratio Lower Upper
240 100
120 16.3 12.8 19.2
236 28.5 22.5 33.7





#31

Terphenyl-d14

Concen: 0.184 ng

RT: 20.034 min Scan# 21

Delta R.T. 0.000 min

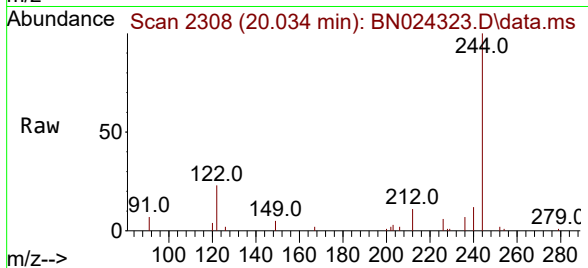
Lab File: BN024323.D

Acq: 16 Mar 2023 22:26

Instrument :

BNA_N

ClientSampleId :



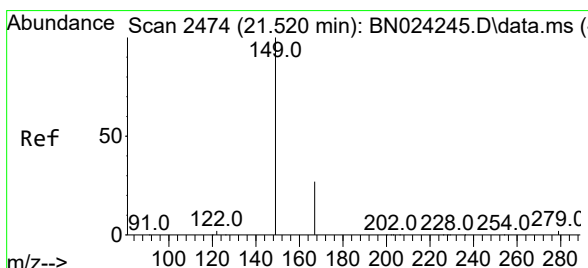
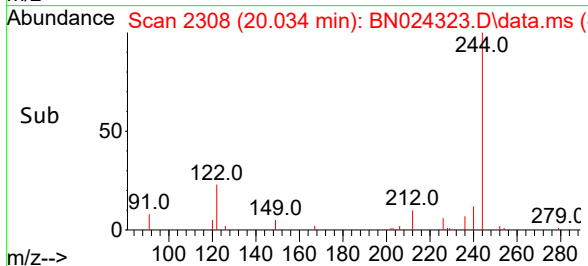
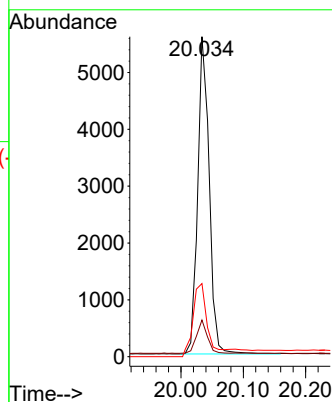
Tgt Ion:244 Resp: 6726

Ion Ratio Lower Upper

244 100

212 11.4 7.6 11.4#

122 22.9 15.1 22.7#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.074 ng

RT: 21.502 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BN024323.D

Acq: 16 Mar 2023 22:26

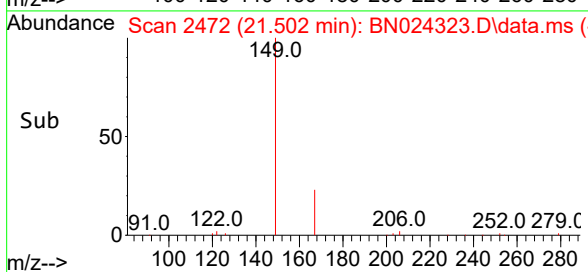
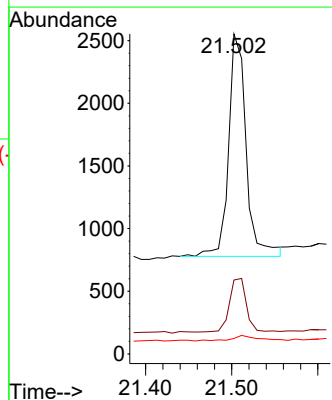
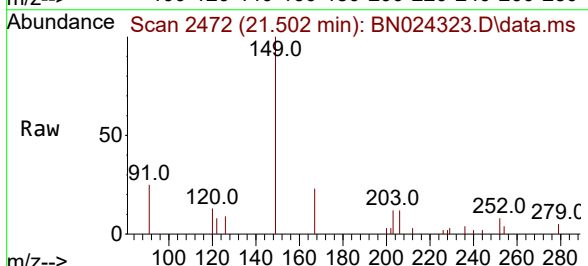
Tgt Ion:149 Resp: 2518

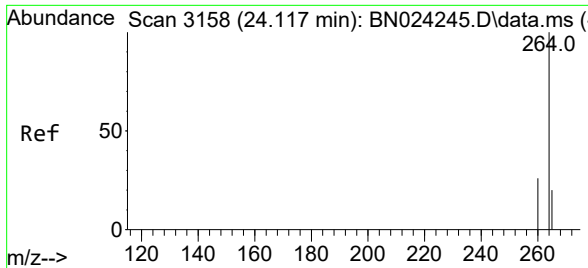
Ion Ratio Lower Upper

149 100

167 24.1 21.2 31.8

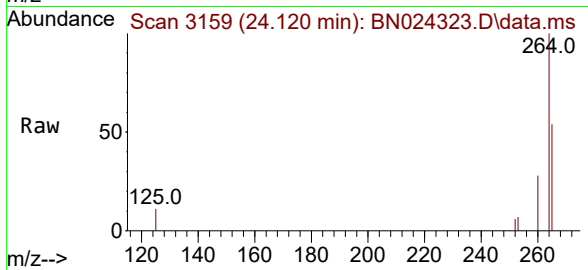
279 4.1 1.8 2.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.120 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BN024323.D
 Acq: 16 Mar 2023 22:26

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 15885
 Ion Ratio Lower Upper
 264 100
 260 27.5 21.4 32.2
 265 53.8 35.7 53.5#

