

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024380.D
 Acq On : 18 Mar 2023 13:47
 Operator : CG/JU
 Sample : 01880-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20230310

Quant Time: Mar 20 01:09:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:49:08 2023
 Response via : Initial Calibration

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

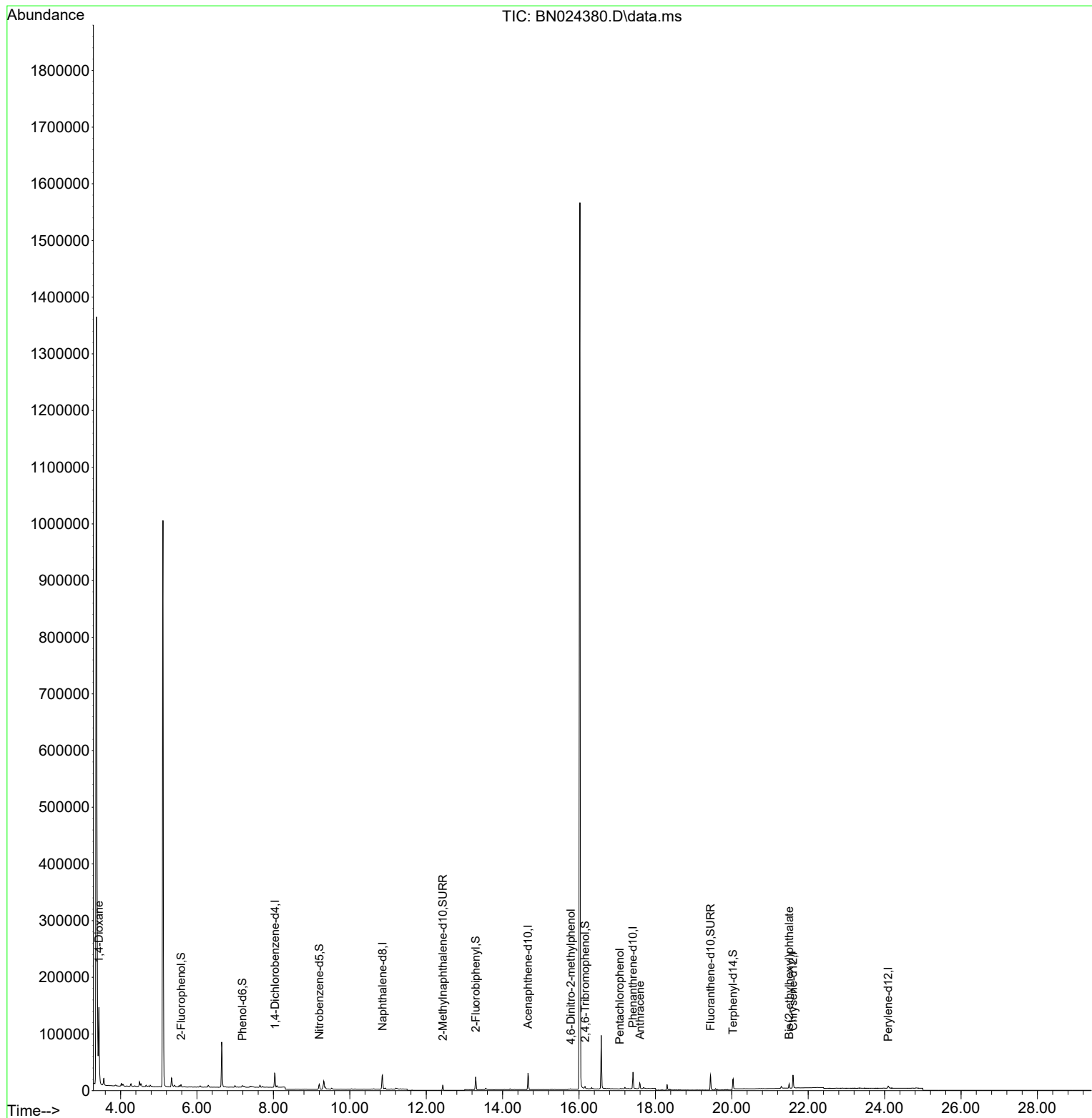
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	11043	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	33714	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	16201	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	34396	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	21319	0.400	ng	# 0.00
35) Perylene-d12	24.094	264	6204	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	3101	0.127	ng	0.00
5) Phenol-d6	7.188	99	2322	0.074	ng	0.00
8) Nitrobenzene-d5	9.201	82	7142	0.317	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	11938	0.288	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	2002	0.242	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	18201	0.297	ng	0.00
27) Fluoranthene-d10	19.442	212	25924	0.356	ng	0.00
31) Terphenyl-d14	20.034	244	14118	0.393	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	76684	6.382	ng	96
20) 4,6-Dinitro-2-methylph...	15.787	198	11	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	26	0.130	ng	# 84
26) Anthracene	17.599	178	2829	0.030	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.502	149	7675	0.229	ng	98

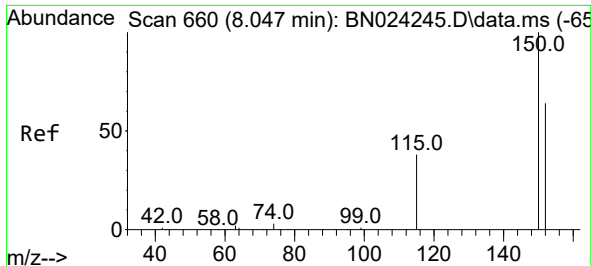
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
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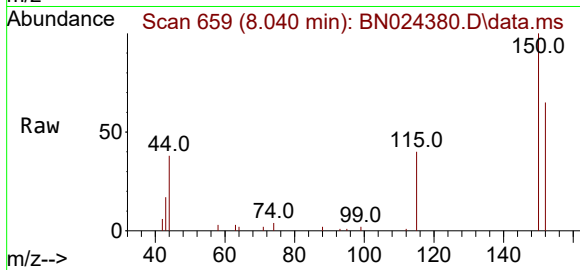
Quant Time: Mar 20 01:09:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
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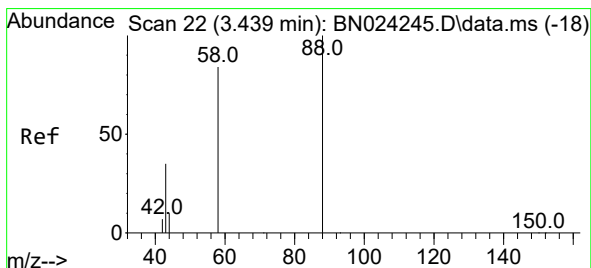
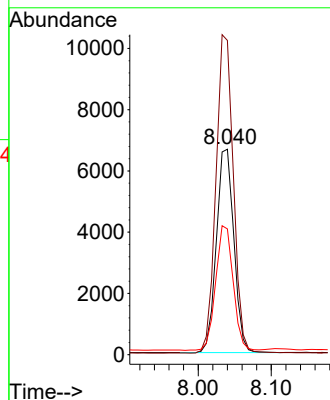
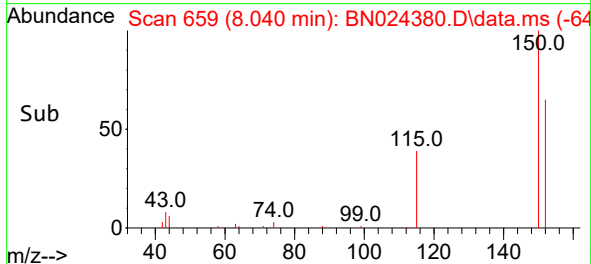


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024380.D
Acq: 18 Mar 2023 13:47

Instrument :
BNA_N
ClientSampleId :
RE120D1-20230310

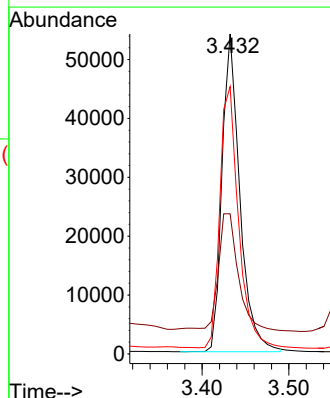
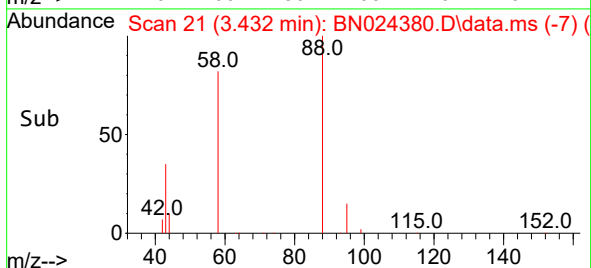
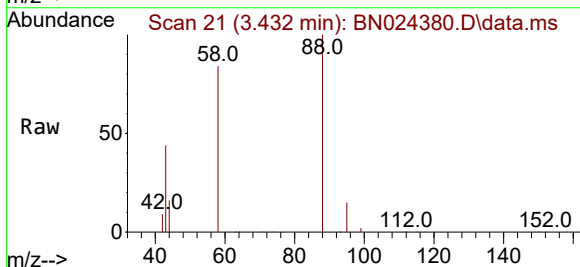


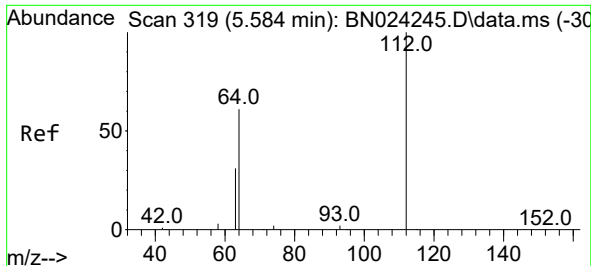
Tgt Ion:152 Resp: 11043
Ion Ratio Lower Upper
152 100
150 153.0 124.7 187.1
115 61.2 49.1 73.7



#2
1,4-Dioxane
Concen: 6.382 ng
RT: 3.432 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024380.D
Acq: 18 Mar 2023 13:47

Tgt Ion: 88 Resp: 76684
Ion Ratio Lower Upper
88 100
43 41.2 29.0 43.4
58 86.2 67.3 100.9





#4

2-Fluorophenol

Concen: 0.127 ng

RT: 5.584 min Scan# 319

Delta R.T. 0.007 min

Lab File: BN024380.D

Acq: 18 Mar 2023 13:47

Instrument :

BNA_N

ClientSampleId :

RE120D1-20230310

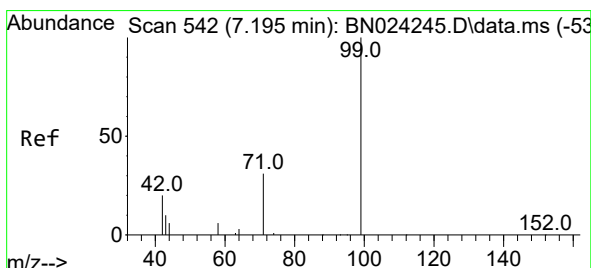
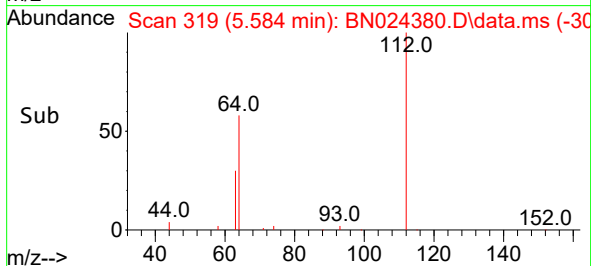
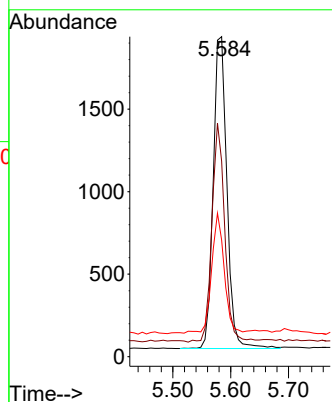
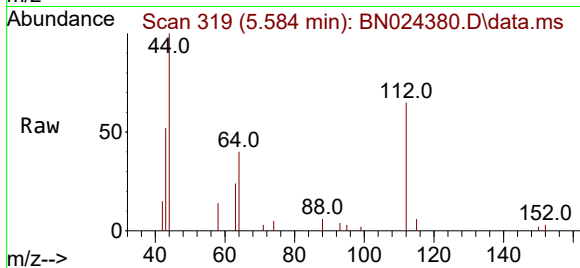
Tgt Ion:112 Resp: 3101

Ion Ratio Lower Upper

112 100

64 66.1 49.0 73.6

63 36.1 25.7 38.5



#5

Phenol-d6

Concen: 0.074 ng

RT: 7.188 min Scan# 541

Delta R.T. 0.000 min

Lab File: BN024380.D

Acq: 18 Mar 2023 13:47

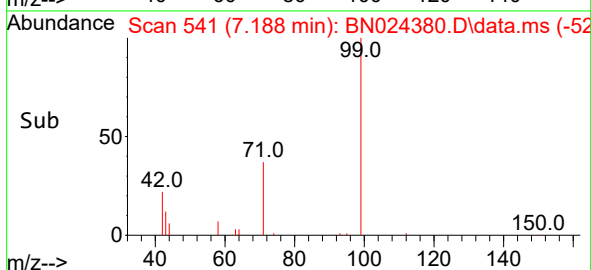
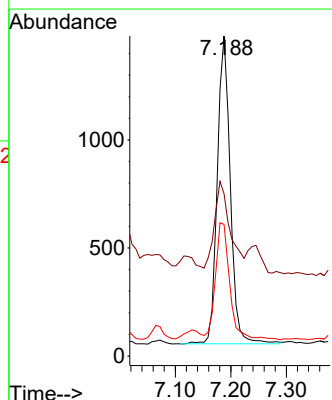
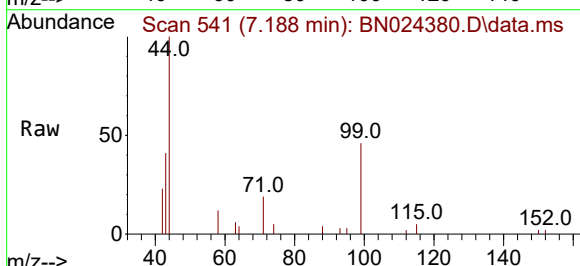
Tgt Ion: 99 Resp: 2322

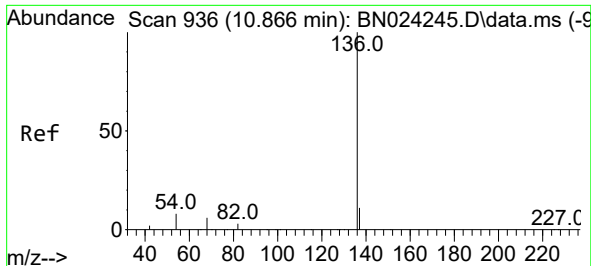
Ion Ratio Lower Upper

99 100

42 34.7 20.1 30.1#

71 39.3 25.8 38.8#

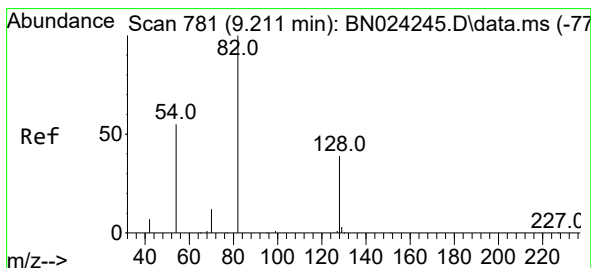
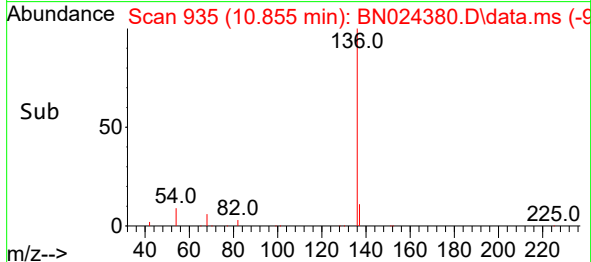
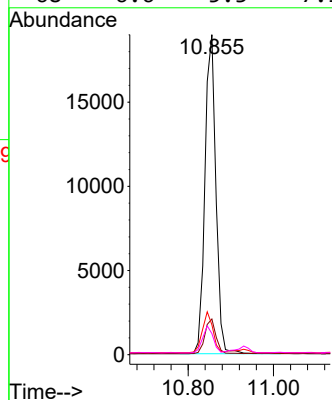
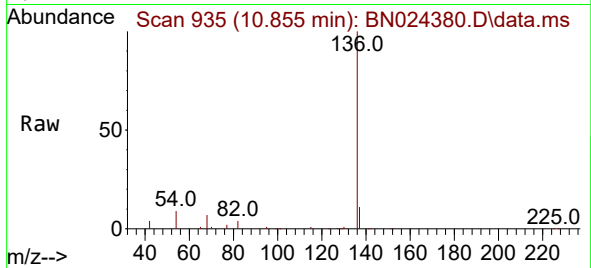




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024380.D
Acq: 18 Mar 2023 13:47

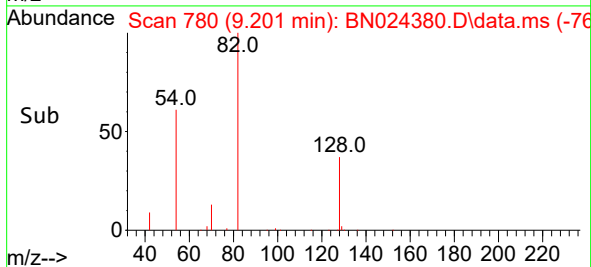
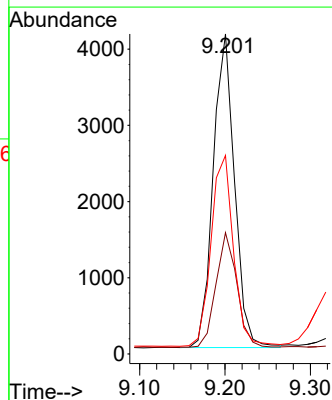
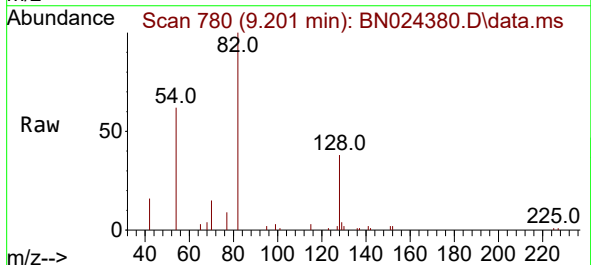
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230310

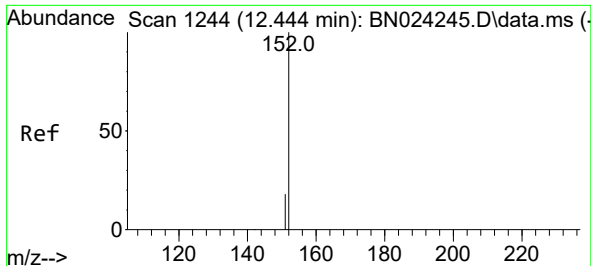
Tgt Ion:	136	Resp:	33714
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	9.4	7.1	10.7
68	6.6	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024380.D
Acq: 18 Mar 2023 13:47

Tgt Ion:	82	Resp:	7142
Ion Ratio	Lower	Upper	
82	100		
128	37.9	32.4	48.6
54	62.0	45.2	67.8

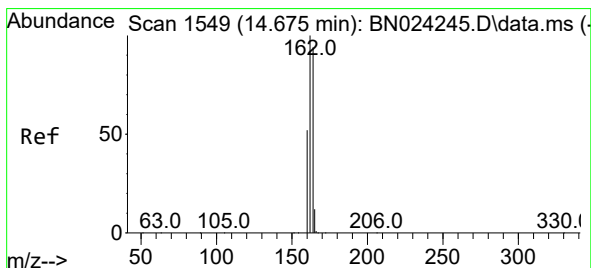
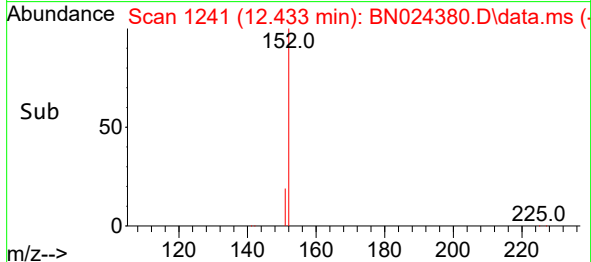
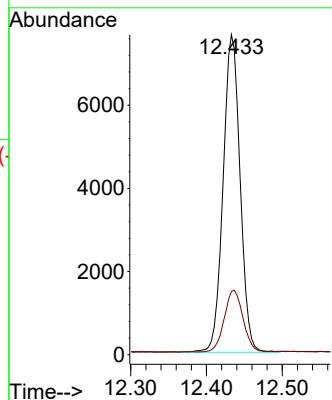
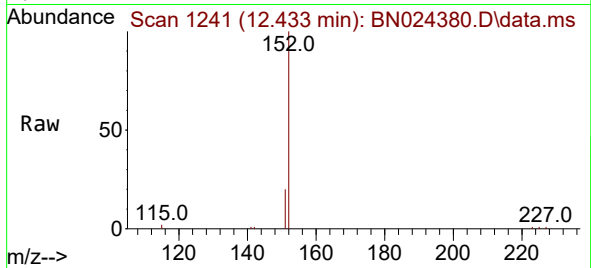




#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024380.D
Acq: 18 Mar 2023 13:47

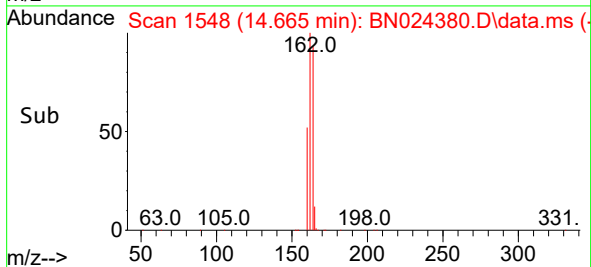
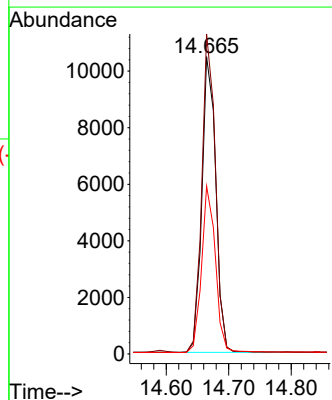
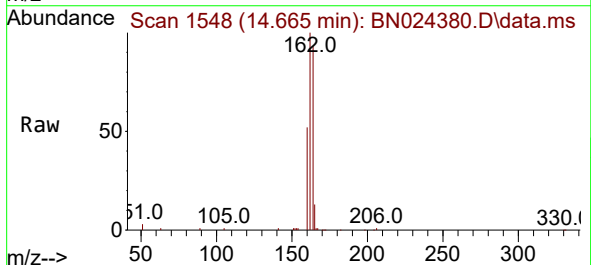
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230310

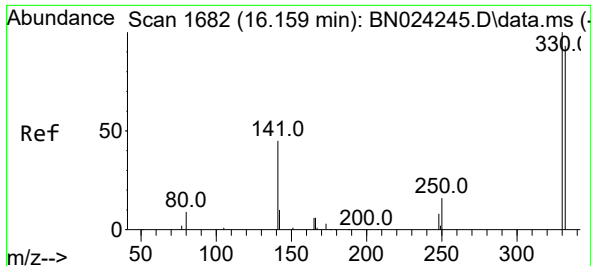
Tgt Ion:152 Resp: 11938
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN024380.D
Acq: 18 Mar 2023 13:47

Tgt Ion:164 Resp: 16201
Ion Ratio Lower Upper
164 100
162 107.7 84.7 127.1
160 56.5 44.6 66.8

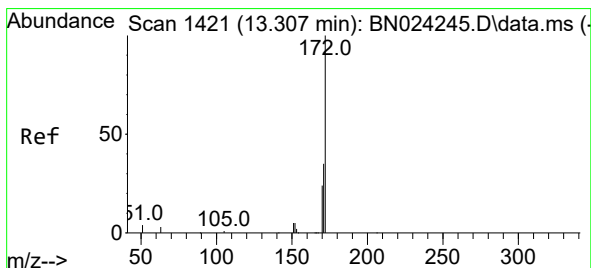
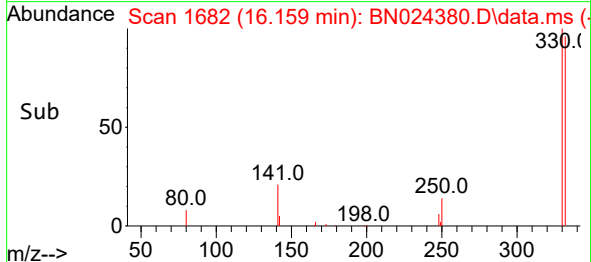
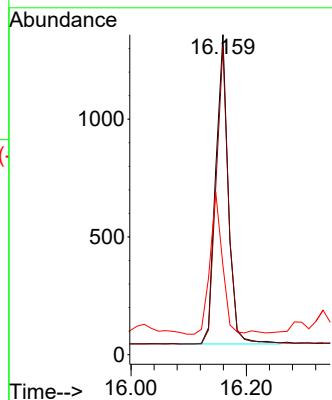
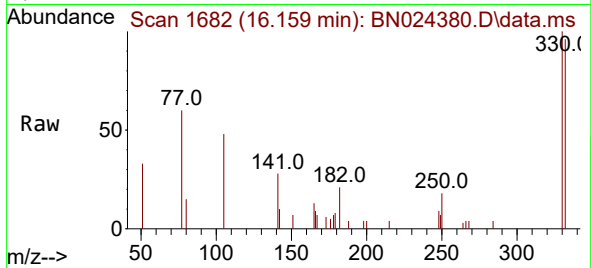




#14
2,4,6-Tribromophenol
Concen: 0.242 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024380.D
Acq: 18 Mar 2023 13:47

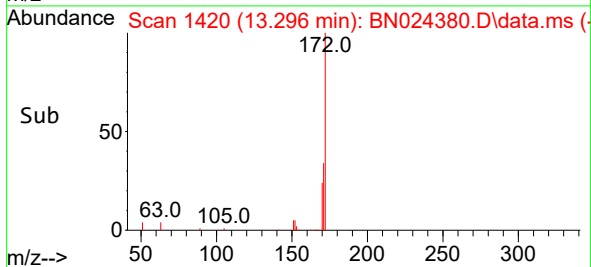
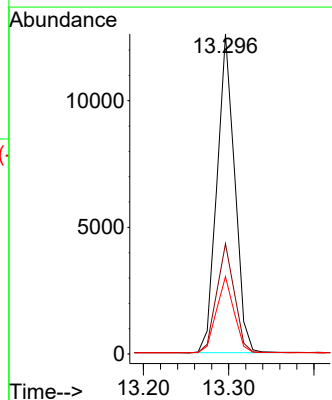
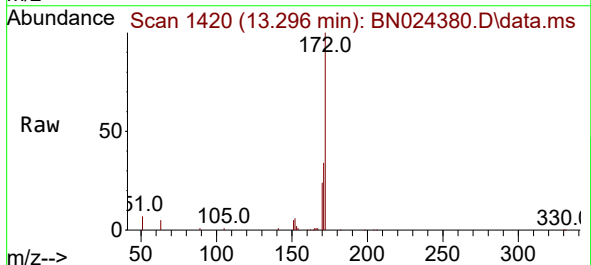
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ClientSampleId :
RE120D1-20230310

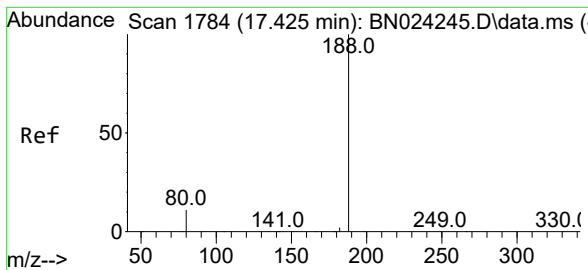
Tgt Ion: 330 Resp: 2002
Ion Ratio Lower Upper
330 100
332 95.0 78.0 117.0
141 45.0 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.296 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BN024380.D
Acq: 18 Mar 2023 13:47

Tgt Ion: 172 Resp: 18201
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 24.2 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024380.D

Acq: 18 Mar 2023 13:47

Instrument :

BNA_N

ClientSampleId :

RE120D1-20230310

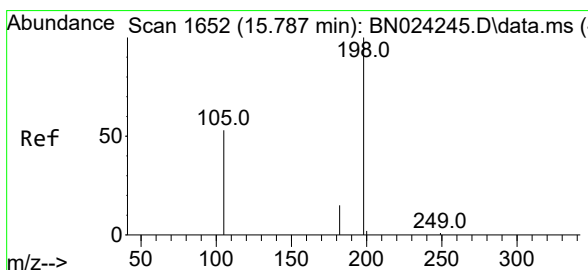
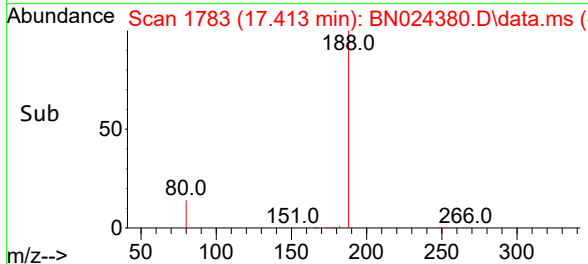
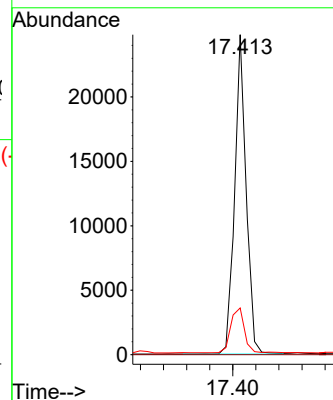
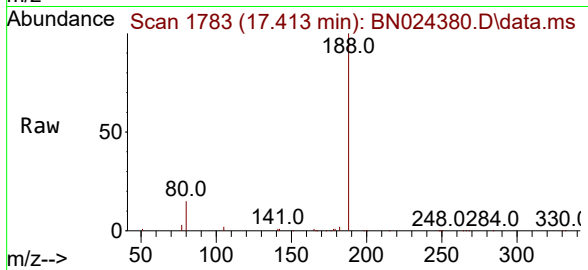
Tgt Ion:188 Resp: 34396

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.6 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.180 ng

RT: 15.787 min Scan# 1652

Delta R.T. 0.000 min

Lab File: BN024380.D

Acq: 18 Mar 2023 13:47

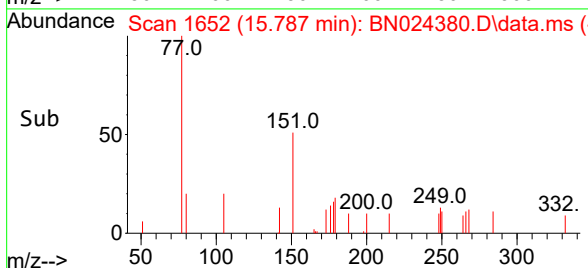
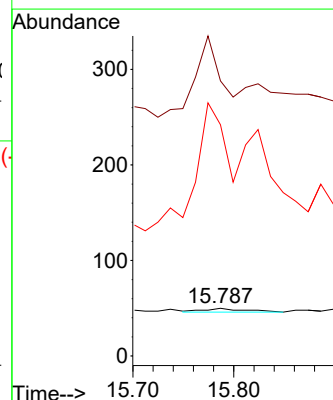
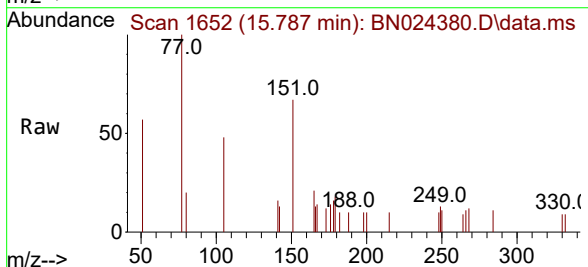
Tgt Ion:198 Resp: 11

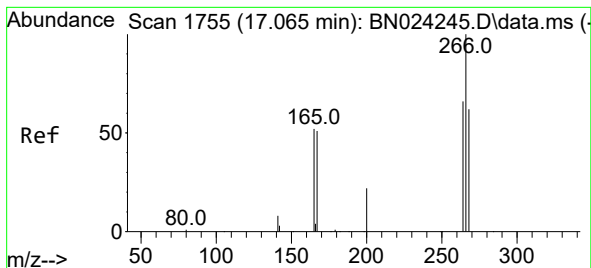
Ion Ratio Lower Upper

198 100

51 576.0 68.2 102.2#

105 484.0 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.130 ng

RT: 17.065 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BN024380.D

Acq: 18 Mar 2023 13:47

Instrument :

BNA_N

ClientSampleId :

RE120D1-20230310

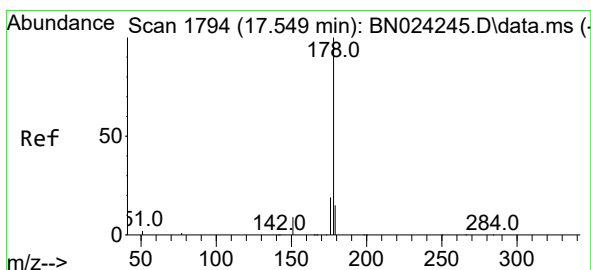
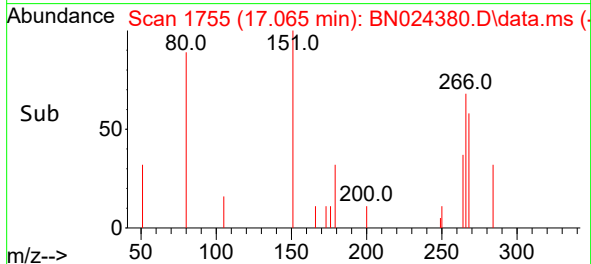
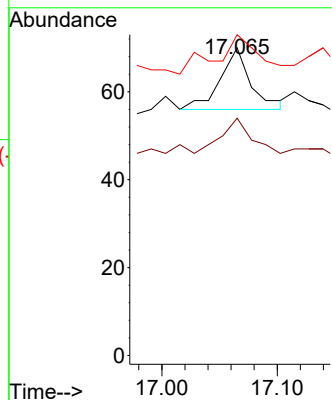
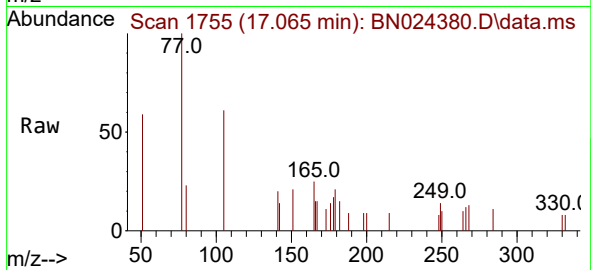
Tgt Ion:266 Resp: 26

Ion Ratio Lower Upper

266 100

264 61.5 51.1 76.7

268 88.5 52.2 78.4#



#26

Anthracene

Concen: 0.030 ng

RT: 17.599 min Scan# 1798

Delta R.T. 0.050 min

Lab File: BN024380.D

Acq: 18 Mar 2023 13:47

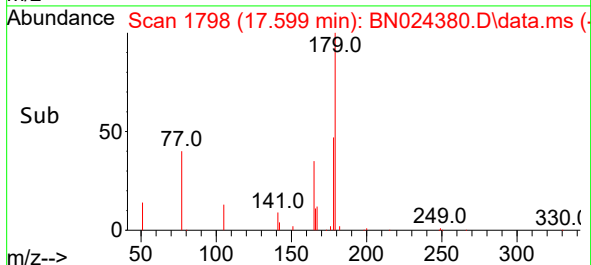
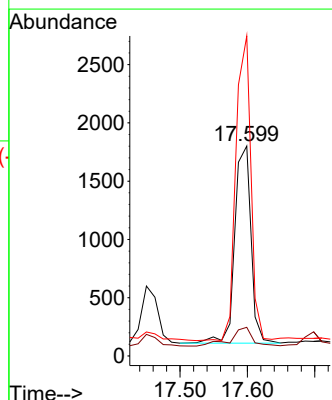
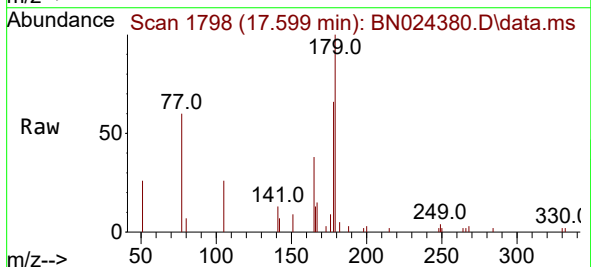
Tgt Ion:178 Resp: 2829

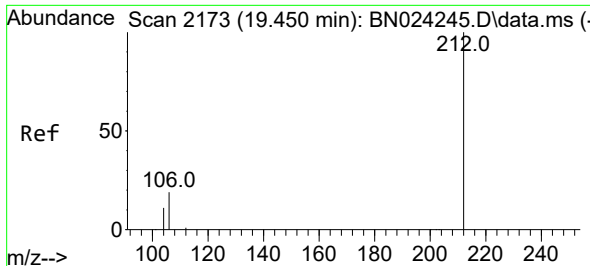
Ion Ratio Lower Upper

178 100

176 12.3 15.1 22.7#

179 142.7 12.1 18.1#

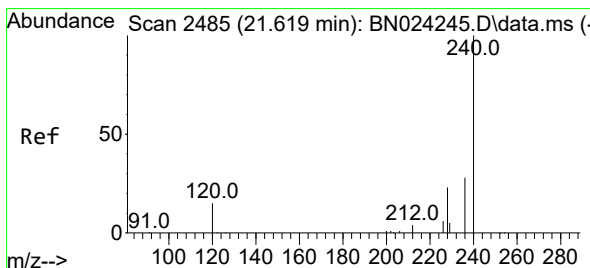
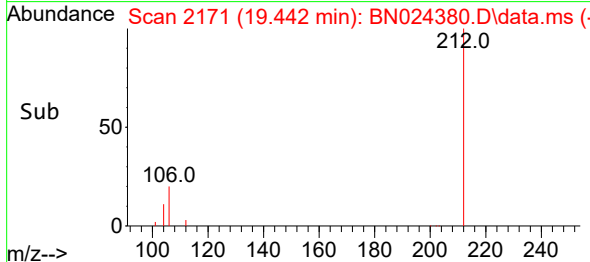
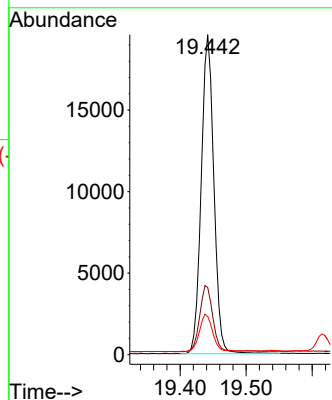
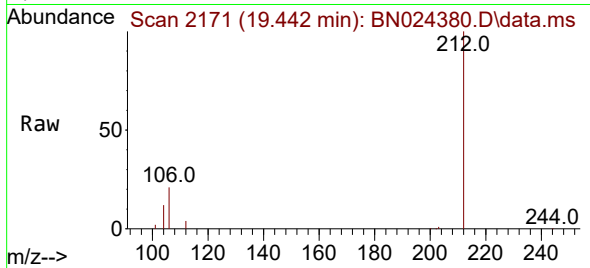




#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.442 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BN024380.D
Acq: 18 Mar 2023 13:47

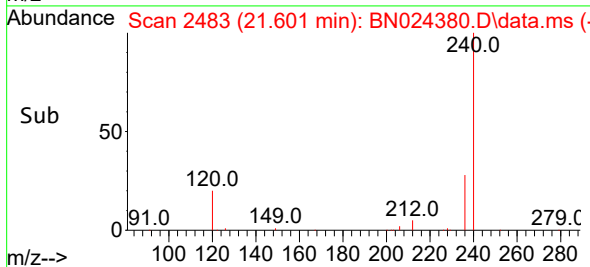
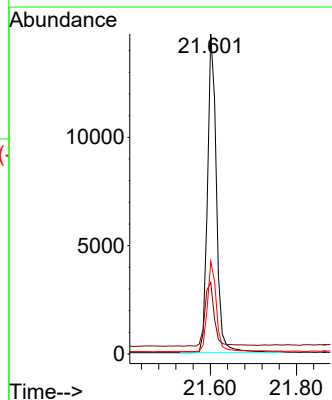
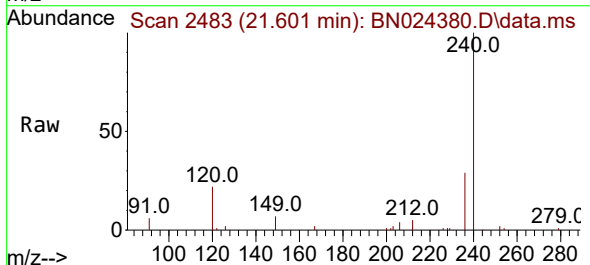
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230310

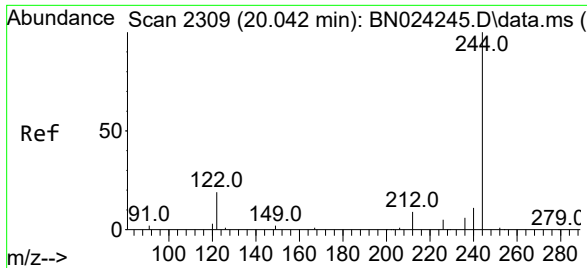
Tgt Ion:212 Resp: 25924
Ion Ratio Lower Upper
212 100
106 21.3 15.4 23.2
104 12.2 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN024380.D
Acq: 18 Mar 2023 13:47

Tgt Ion:240 Resp: 21319
Ion Ratio Lower Upper
240 100
120 22.3 12.8 19.2#
236 28.9 22.5 33.7

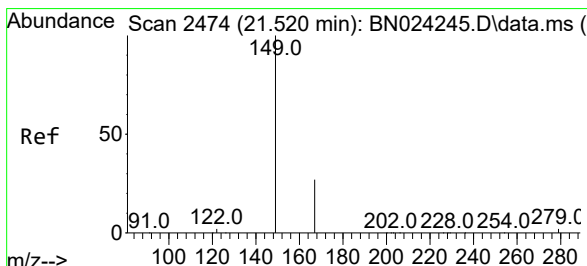
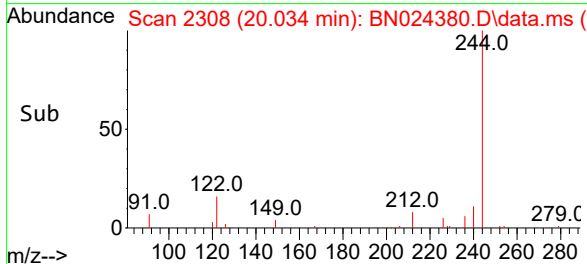
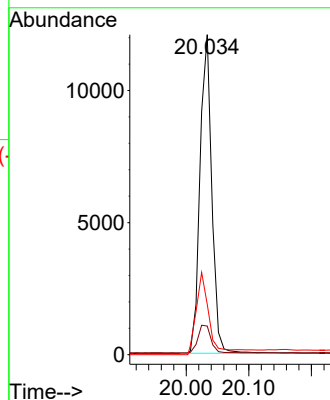
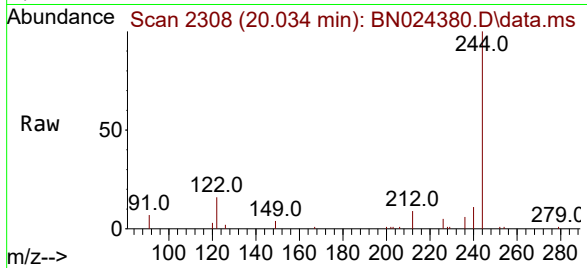




#31
 Terphenyl-d14
 Concen: 0.393 ng
 RT: 20.034 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: BN024380.D
 Acq: 18 Mar 2023 13:47

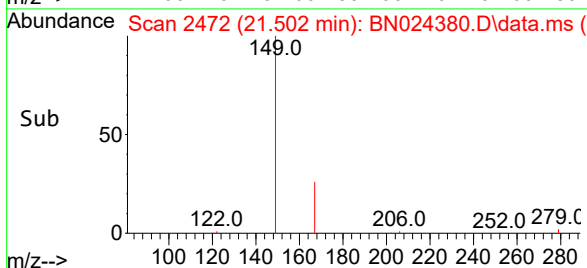
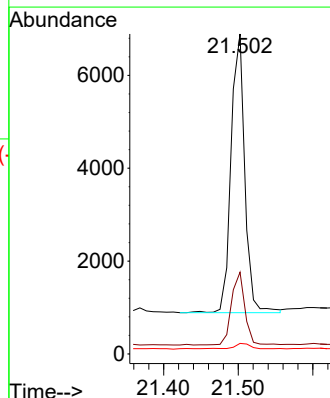
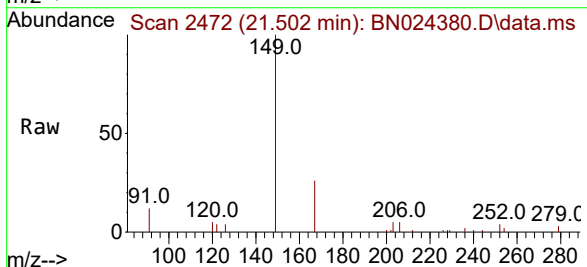
Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20230310

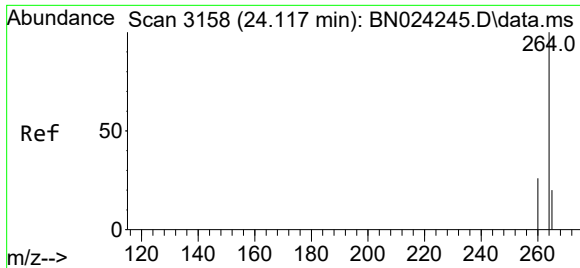
Tgt Ion:244 Resp: 14118
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.6 11.4
 122 15.8 15.1 22.7



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.229 ng
 RT: 21.502 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BN024380.D
 Acq: 18 Mar 2023 13:47

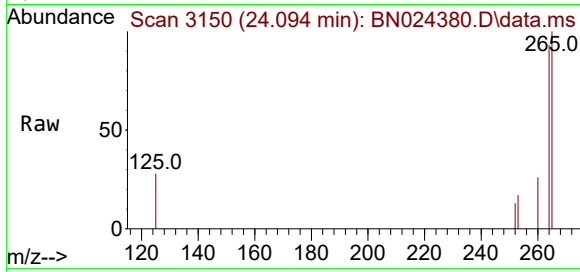
Tgt Ion:149 Resp: 7675
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.2 31.8
 279 2.0 1.8 2.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.094 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BN024380.D
 Acq: 18 Mar 2023 13:47

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20230310



Tgt Ion:264 Resp: 6204

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.4	32.2
265	107.3	35.7	53.5#

