

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024379.D
 Acq On : 18 Mar 2023 13:10
 Operator : CG/JU
 Sample : 01880-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20230309

Quant Time: Mar 20 01:09:45 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)

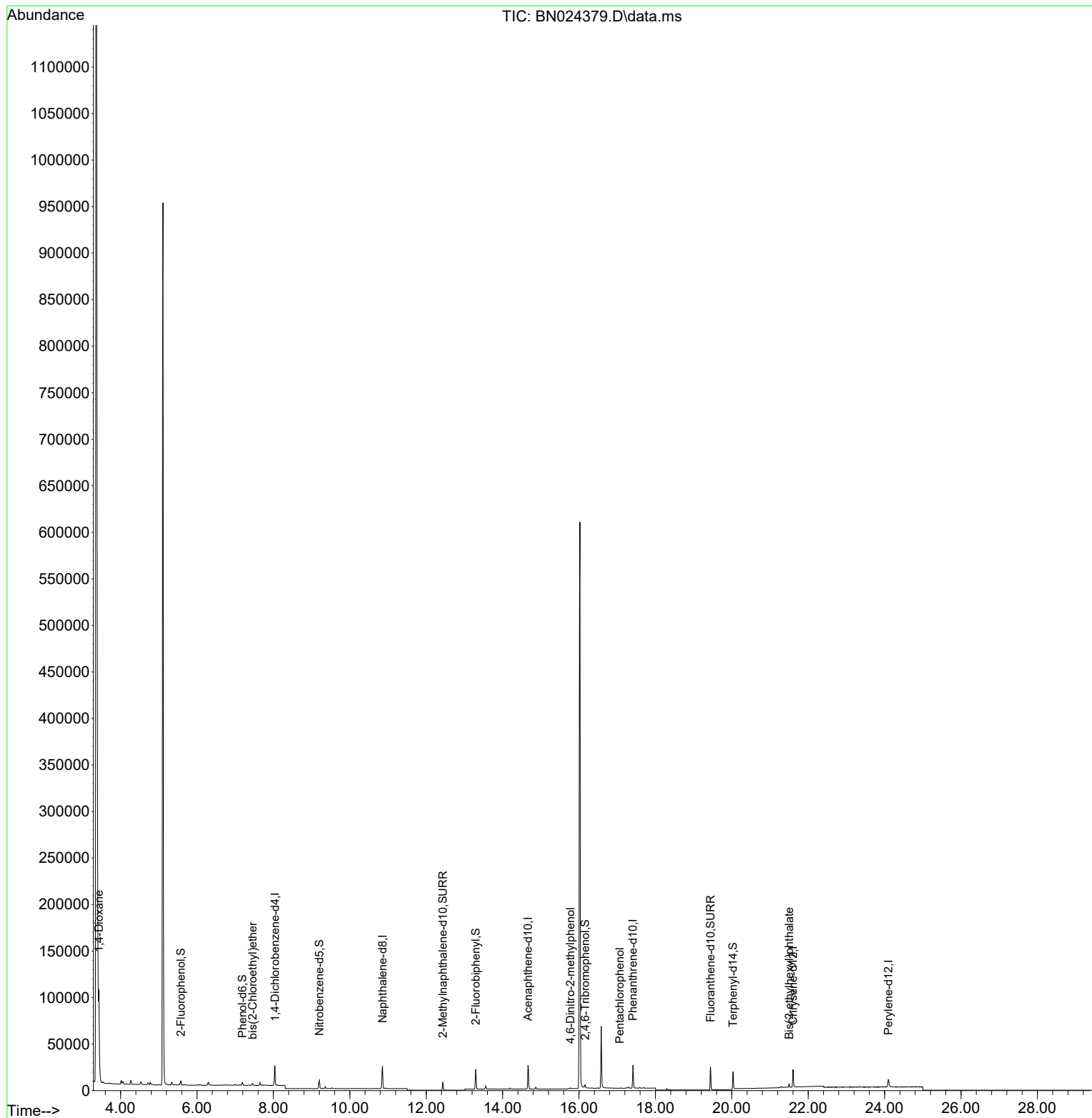
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	9998	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	30165	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	14374	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	29887	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	18180	0.400	ng	# 0.00
35) Perylene-d12	24.100	264	12690	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	3349	0.151	ng	0.00
5) Phenol-d6	7.188	99	2683	0.094	ng	0.00
8) Nitrobenzene-d5	9.200	82	6981	0.346	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	11452	0.309	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1807	0.246	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	17338	0.319	ng	0.00
27) Fluoranthene-d10	19.442	212	24530	0.387	ng	0.00
31) Terphenyl-d14	20.034	244	14137	0.461	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	45326	4.166	ng	95
6) bis(2-Chloroethyl)ether	7.455	93	1340	0.047	ng	92
20) 4,6-Dinitro-2-methylph...	15.774	198	11	0.180	ng	# 1
24) Pentachlorophenol	17.065	266	36	0.131	ng	# 67
34) Bis(2-ethylhexyl)phtha...	21.502	149	3483	0.122	ng	# 98

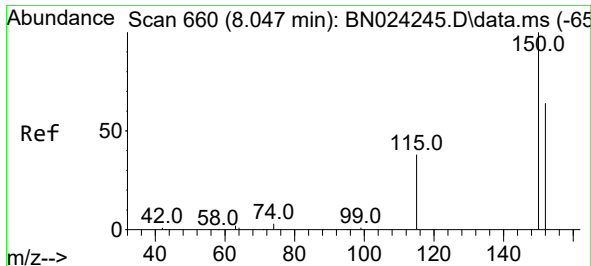
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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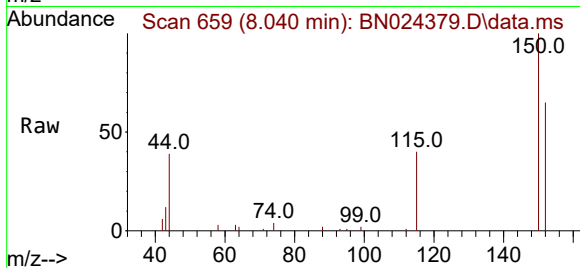
Quant Time: Mar 20 01:09:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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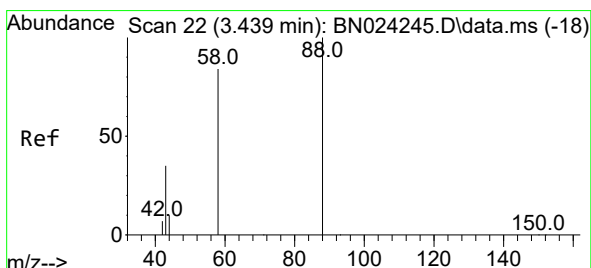
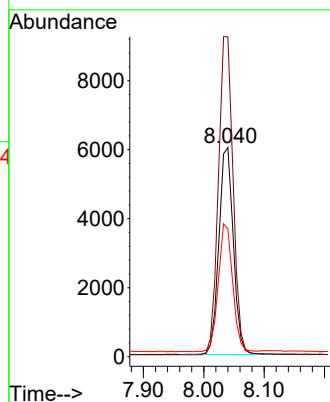
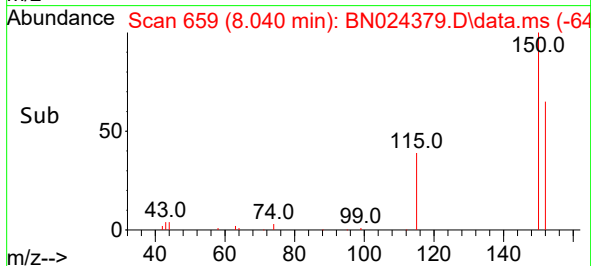


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024379.D
 Acq: 18 Mar 2023 13:10

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20230309

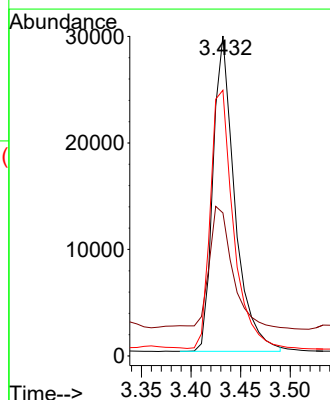
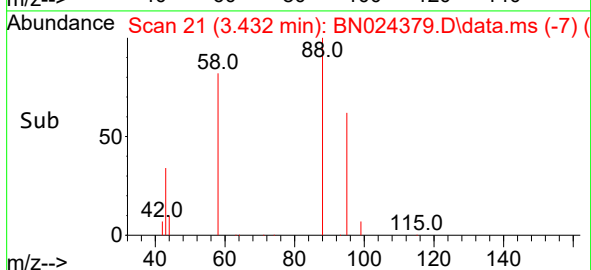
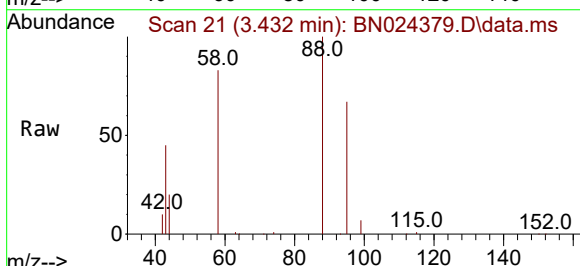


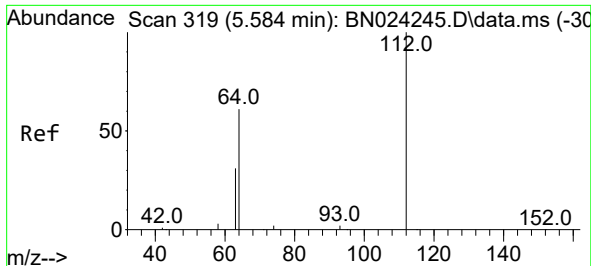
Tgt Ion:152 Resp: 9998
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.7 187.1
 115 61.1 49.1 73.7



#2
 1,4-Dioxane
 Concen: 4.166 ng
 RT: 3.432 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN024379.D
 Acq: 18 Mar 2023 13:10

Tgt Ion: 88 Resp: 45326
 Ion Ratio Lower Upper
 88 100
 43 41.3 29.0 43.4
 58 86.6 67.3 100.9

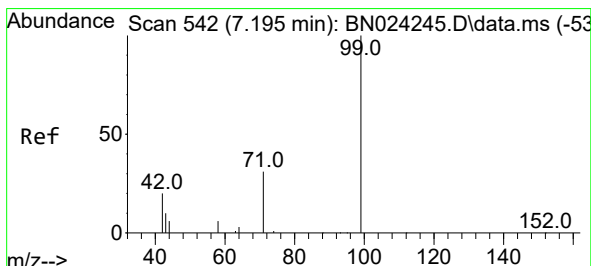
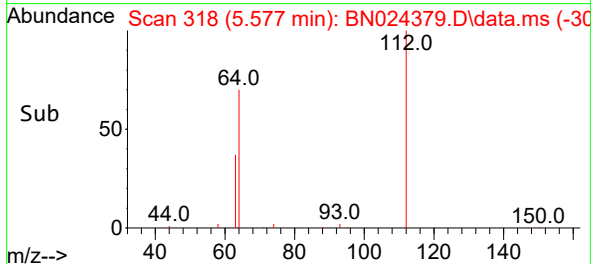
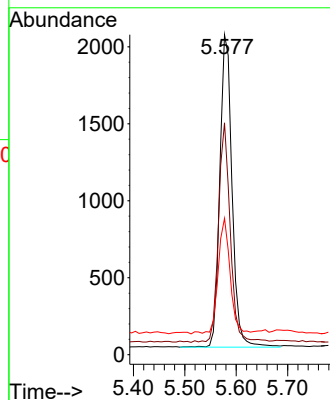
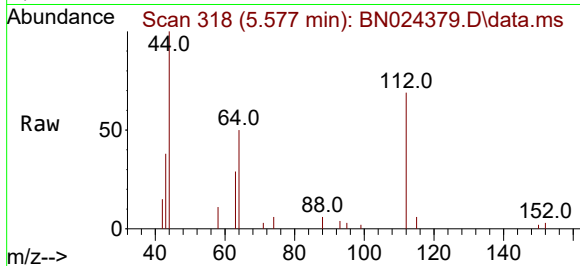




#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.577 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024379.D
Acq: 18 Mar 2023 13:10

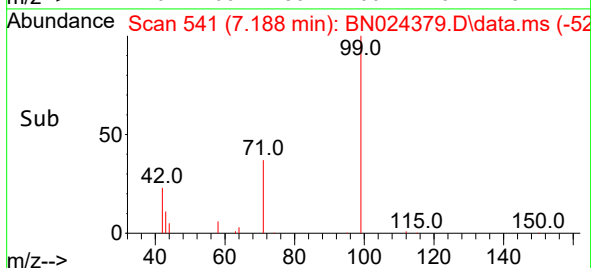
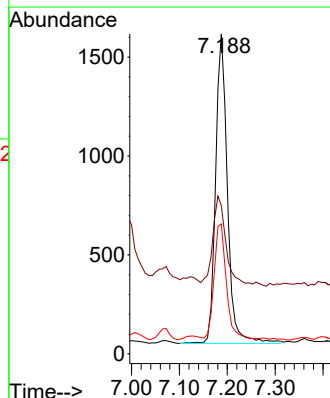
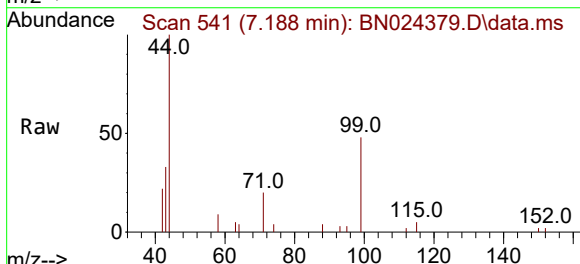
Instrument :
BNA_N
ClientSampleId :
RE105D2-20230309

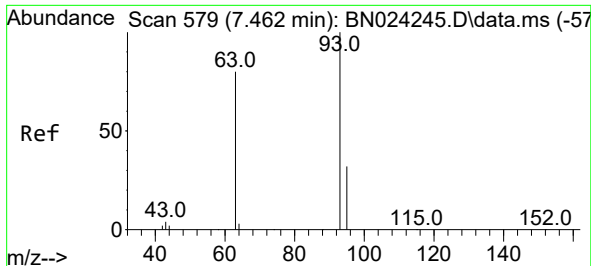
Tgt Ion:112 Resp: 3349
Ion Ratio Lower Upper
112 100
64 67.8 49.0 73.6
63 35.1 25.7 38.5



#5
Phenol-d6
Concen: 0.094 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024379.D
Acq: 18 Mar 2023 13:10

Tgt Ion: 99 Resp: 2683
Ion Ratio Lower Upper
99 100
42 30.4 20.1 30.1#
71 38.1 25.8 38.8

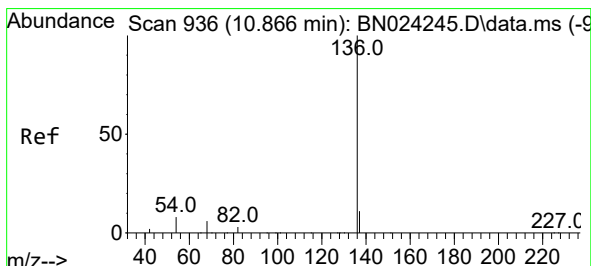
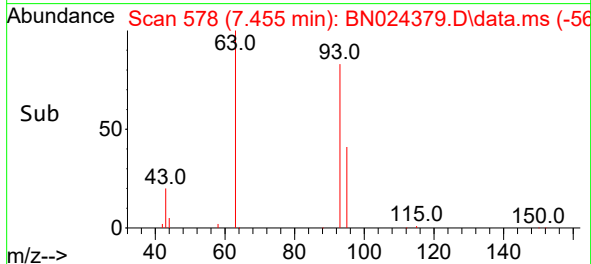
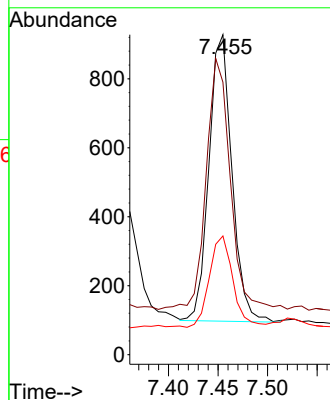
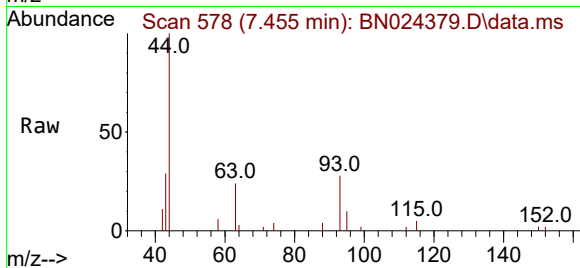




#6
bis(2-Chloroethyl)ether
Concen: 0.047 ng
RT: 7.455 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN024379.D
Acq: 18 Mar 2023 13:10

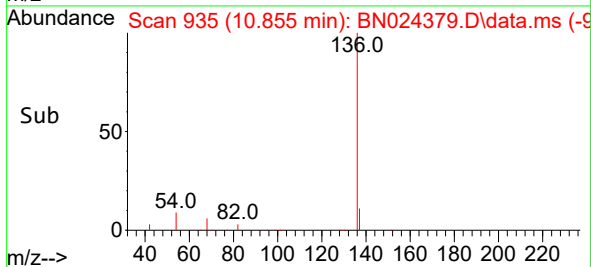
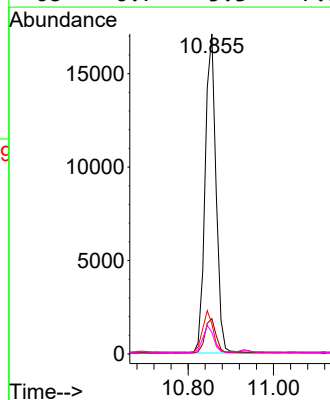
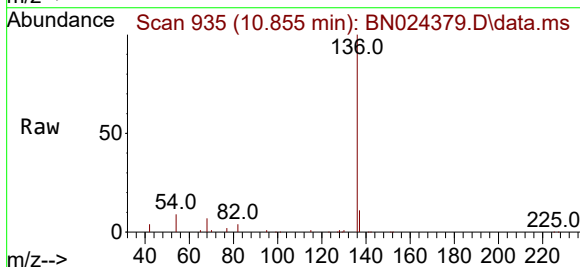
Instrument :
BNA_N
ClientSampleId :
RE105D2-20230309

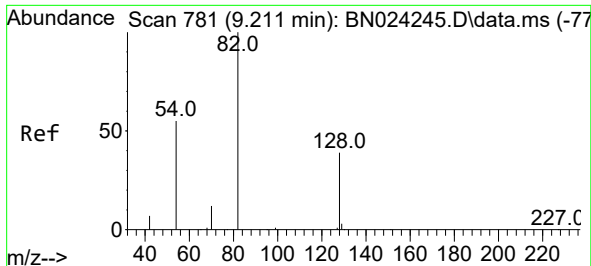
Tgt Ion: 93 Resp: 1340
Ion Ratio Lower Upper
93 100
63 91.4 65.4 98.2
95 31.9 25.8 38.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024379.D
Acq: 18 Mar 2023 13:10

Tgt Ion: 136 Resp: 30165
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.4 7.1 10.7
68 6.7 5.3 7.9

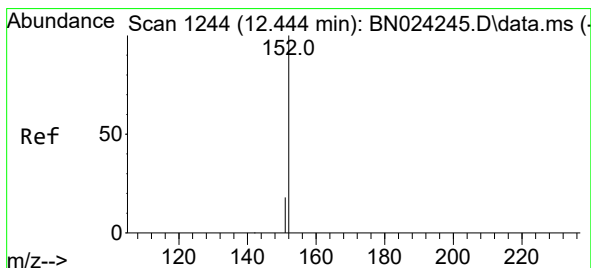
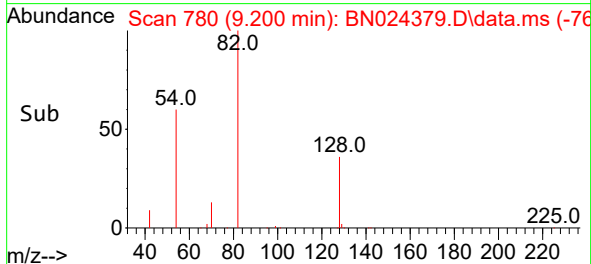
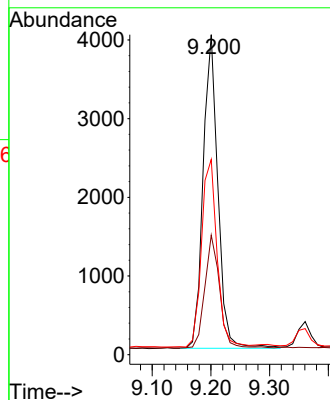
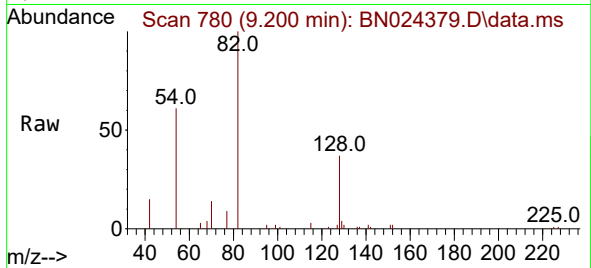




#8
Nitrobenzene-d5
Concen: 0.346 ng
RT: 9.200 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN024379.D
Acq: 18 Mar 2023 13:10

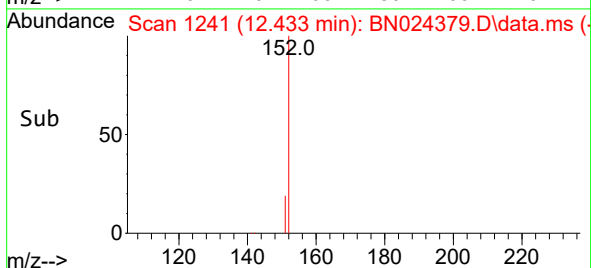
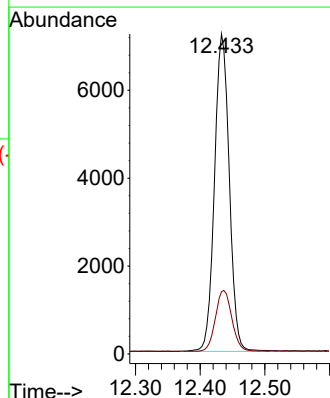
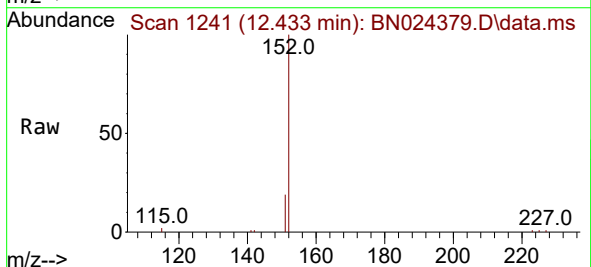
Instrument :
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ClientSampleId :
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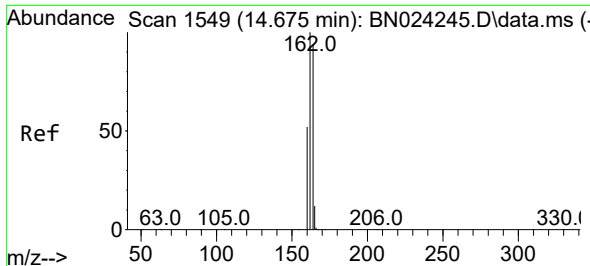
Tgt Ion: 82 Resp: 6981
Ion Ratio Lower Upper
82 100
128 37.4 32.4 48.6
54 61.0 45.2 67.8



#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.433 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BN024379.D
Acq: 18 Mar 2023 13:10

Tgt Ion: 152 Resp: 11452
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2

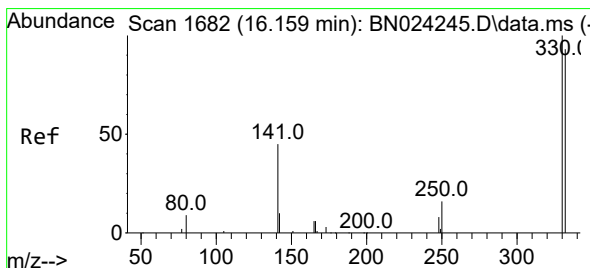
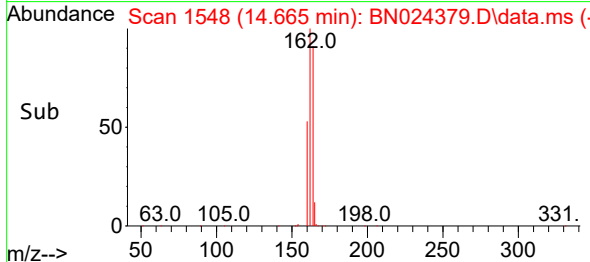
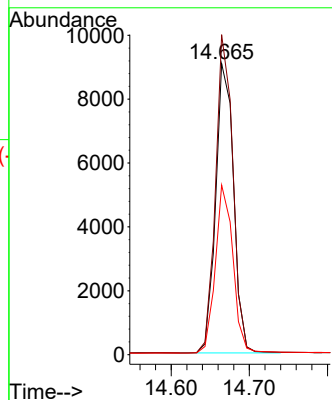
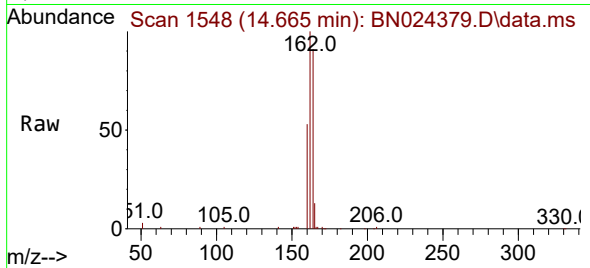




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.665 min Scan# 1548
 Delta R.T. 0.000 min
 Lab File: BN024379.D
 Acq: 18 Mar 2023 13:10

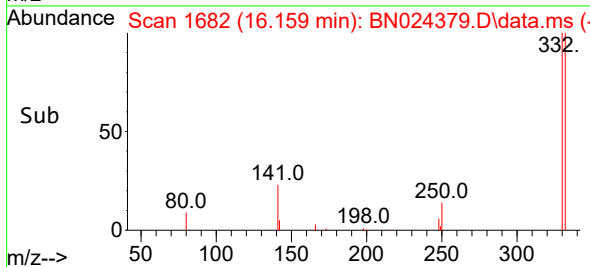
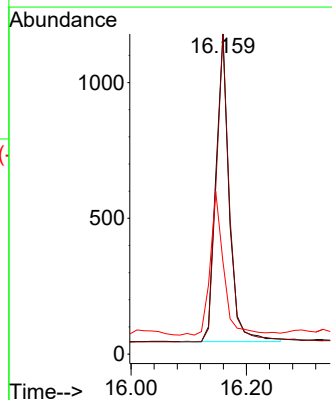
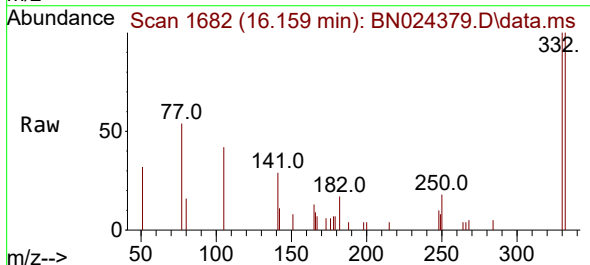
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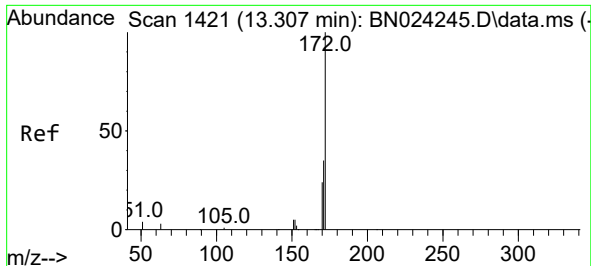
Tgt Ion:164 Resp: 14374
 Ion Ratio Lower Upper
 164 100
 162 109.9 84.7 127.1
 160 58.2 44.6 66.8



#14
 2,4,6-Tribromophenol
 Concen: 0.246 ng
 RT: 16.159 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: BN024379.D
 Acq: 18 Mar 2023 13:10

Tgt Ion:330 Resp: 1807
 Ion Ratio Lower Upper
 330 100
 332 99.3 78.0 117.0
 141 47.1 30.8 46.2#

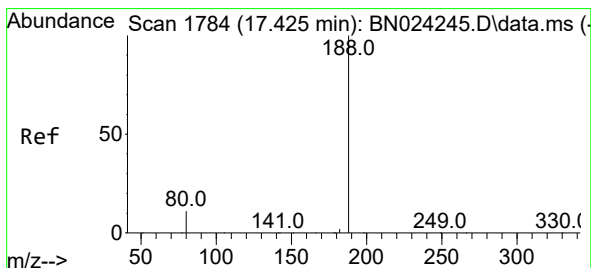
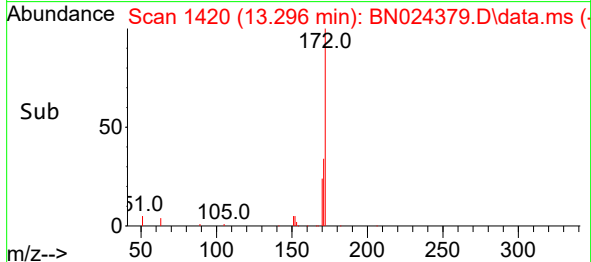
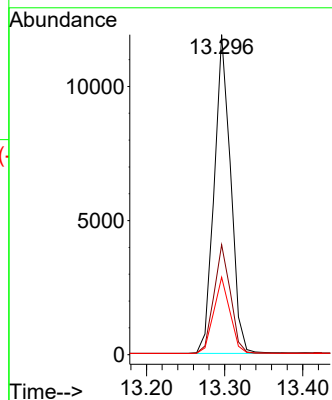
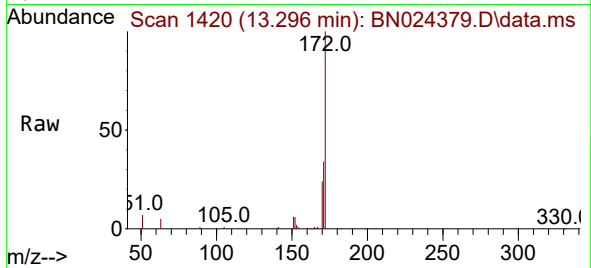




#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 13.296 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN024379.D
Acq: 18 Mar 2023 13:10

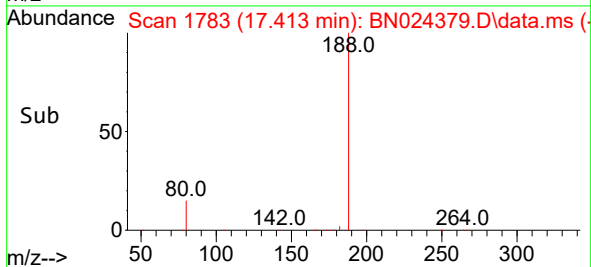
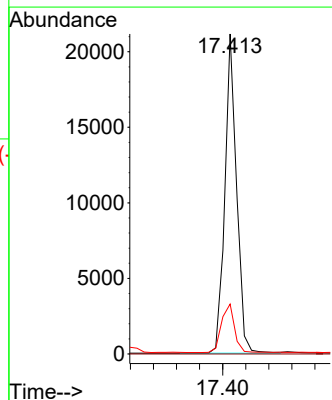
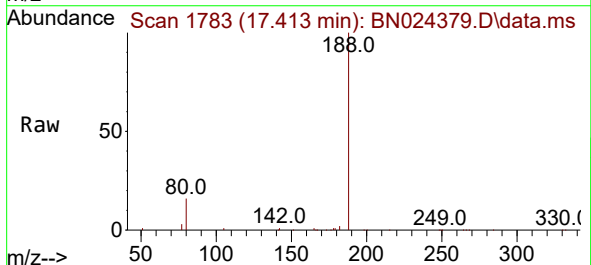
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ClientSampleId :
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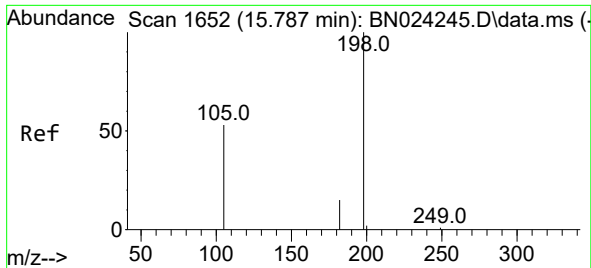
Tgt Ion:172 Resp: 17338
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 24.2 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN024379.D
Acq: 18 Mar 2023 13:10

Tgt Ion:188 Resp: 29887
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.6 8.9 13.3#

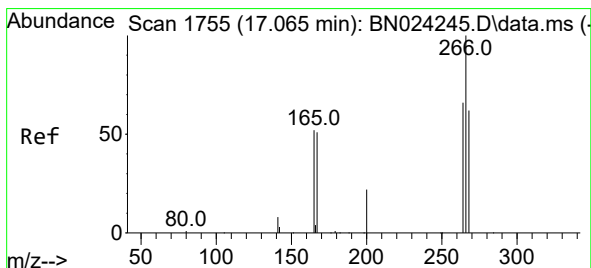
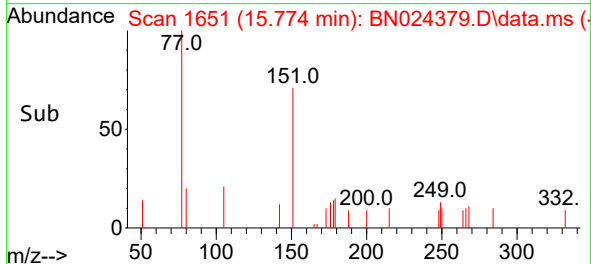
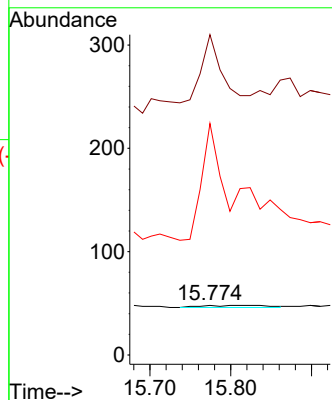
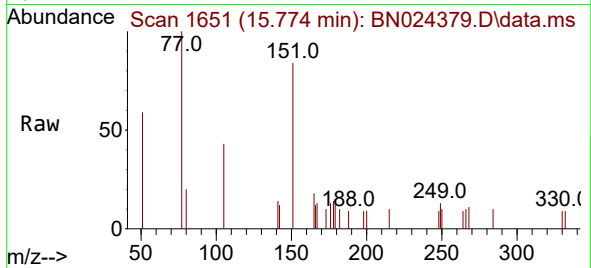




#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.774 min Scan# 1651
Delta R.T. -0.012 min
Lab File: BN024379.D
Acq: 18 Mar 2023 13:10

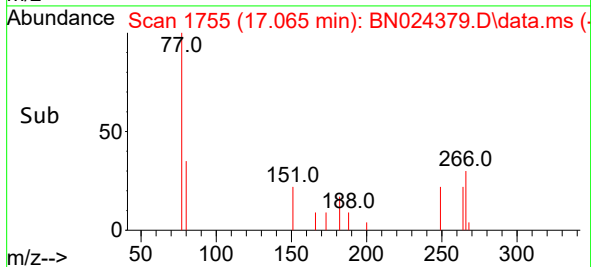
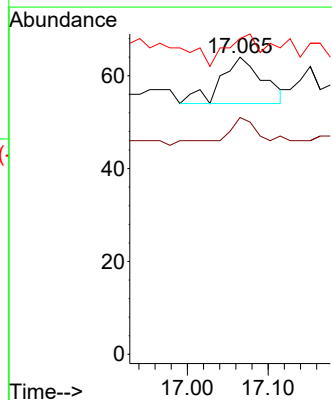
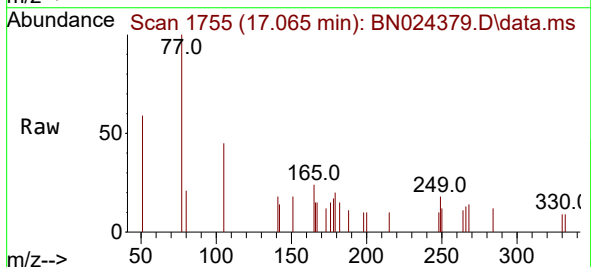
Instrument :
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RE105D2-20230309

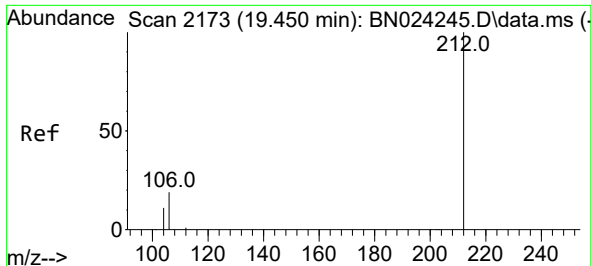
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 645.8 68.2 102.2#
105 466.7 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.131 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024379.D
Acq: 18 Mar 2023 13:10

Tgt Ion:266 Resp: 36
Ion Ratio Lower Upper
266 100
264 27.8 51.1 76.7#
268 50.0 52.2 78.4#

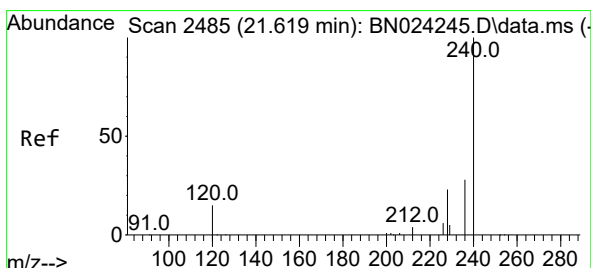
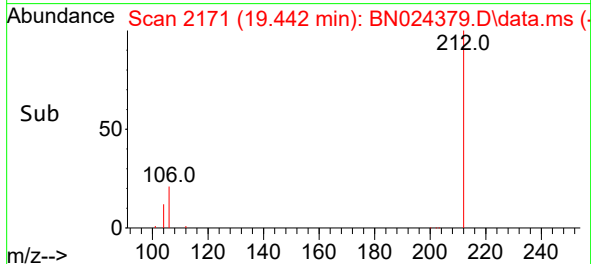
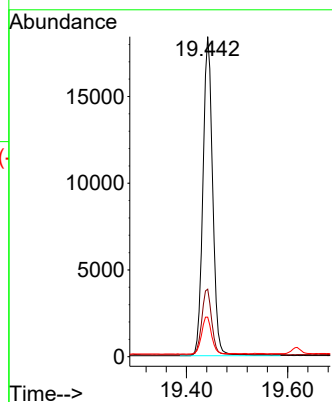
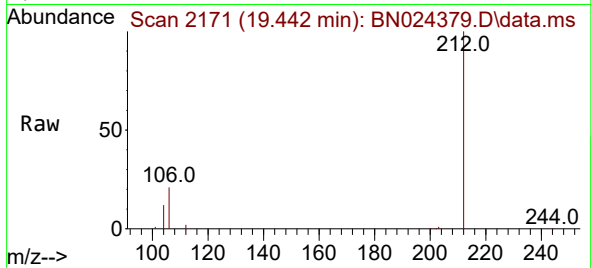




#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.442 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BN024379.D
Acq: 18 Mar 2023 13:10

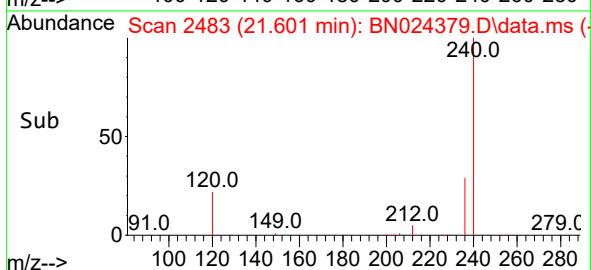
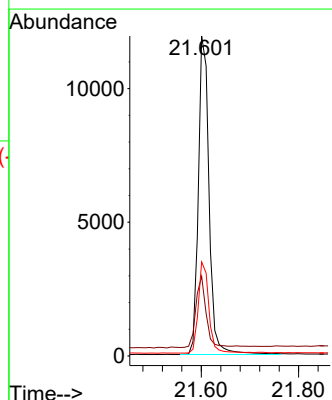
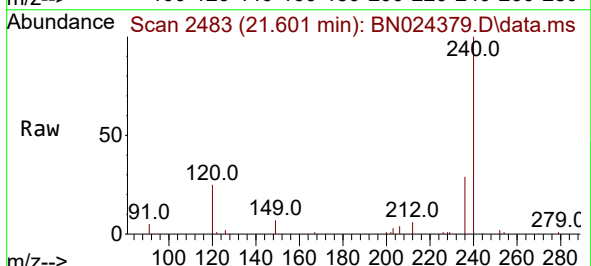
Instrument :
BNA_N
ClientSampleId :
RE105D2-20230309

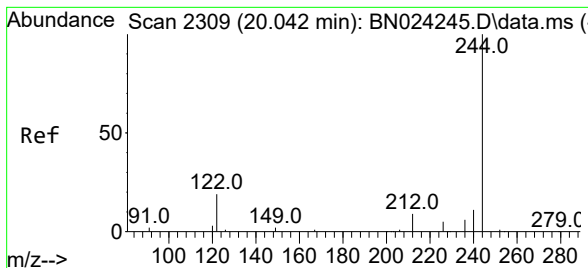
Tgt Ion:212 Resp: 24530
Ion Ratio Lower Upper
212 100
106 20.9 15.4 23.2
104 12.0 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN024379.D
Acq: 18 Mar 2023 13:10

Tgt Ion:240 Resp: 18180
Ion Ratio Lower Upper
240 100
120 24.9 12.8 19.2#
236 29.4 22.5 33.7





#31

Terphenyl-d14

Concen: 0.461 ng

RT: 20.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024379.D

Acq: 18 Mar 2023 13:10

Instrument :

BNA_N

ClientSampleId :

RE105D2-20230309

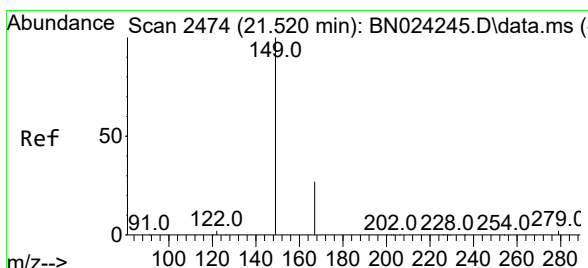
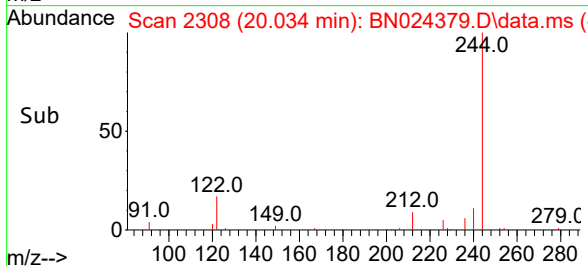
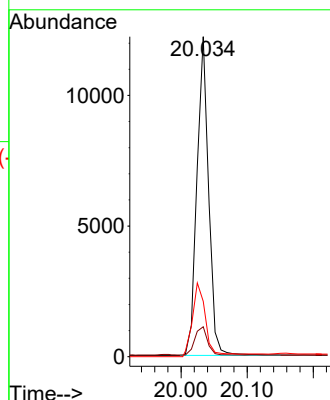
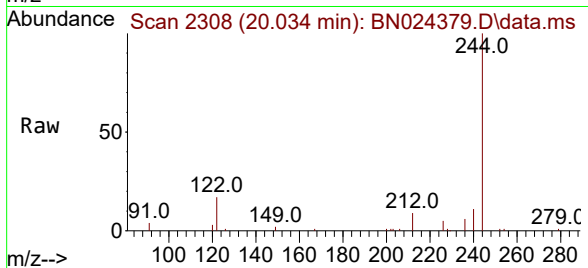
Tgt Ion:244 Resp: 14137

Ion Ratio Lower Upper

244 100

212 9.3 7.6 11.4

122 17.3 15.1 22.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.122 ng

RT: 21.502 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BN024379.D

Acq: 18 Mar 2023 13:10

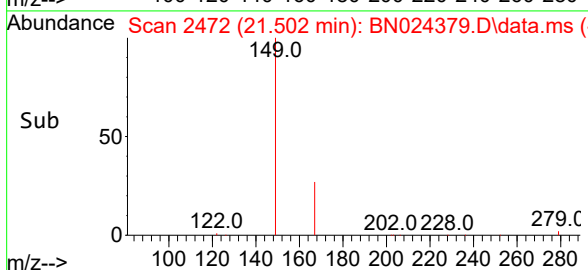
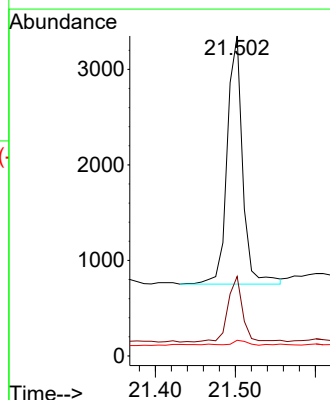
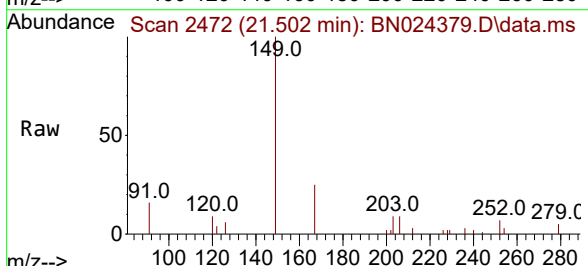
Tgt Ion:149 Resp: 3483

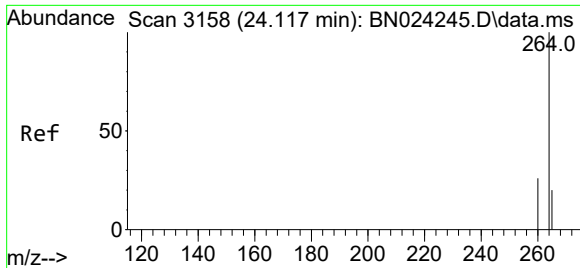
Ion Ratio Lower Upper

149 100

167 25.2 21.2 31.8

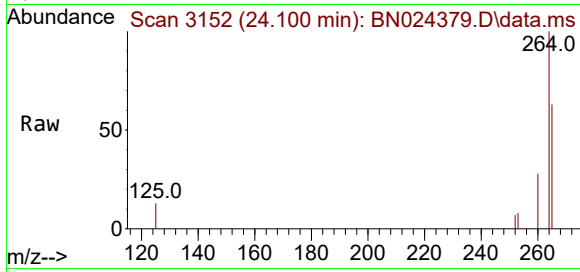
279 1.8 1.8 2.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.100 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BN024379.D
 Acq: 18 Mar 2023 13:10

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20230309



Tgt Ion:264 Resp: 12690

Ion	Ratio	Lower	Upper
264	100		
260	28.0	21.4	32.2
265	62.6	35.7	53.5

