

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024360.D
 Acq On : 17 Mar 2023 23:46
 Operator : CG/JU
 Sample : 01879-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20230308

Quant Time: Mar 18 01:21:53 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)

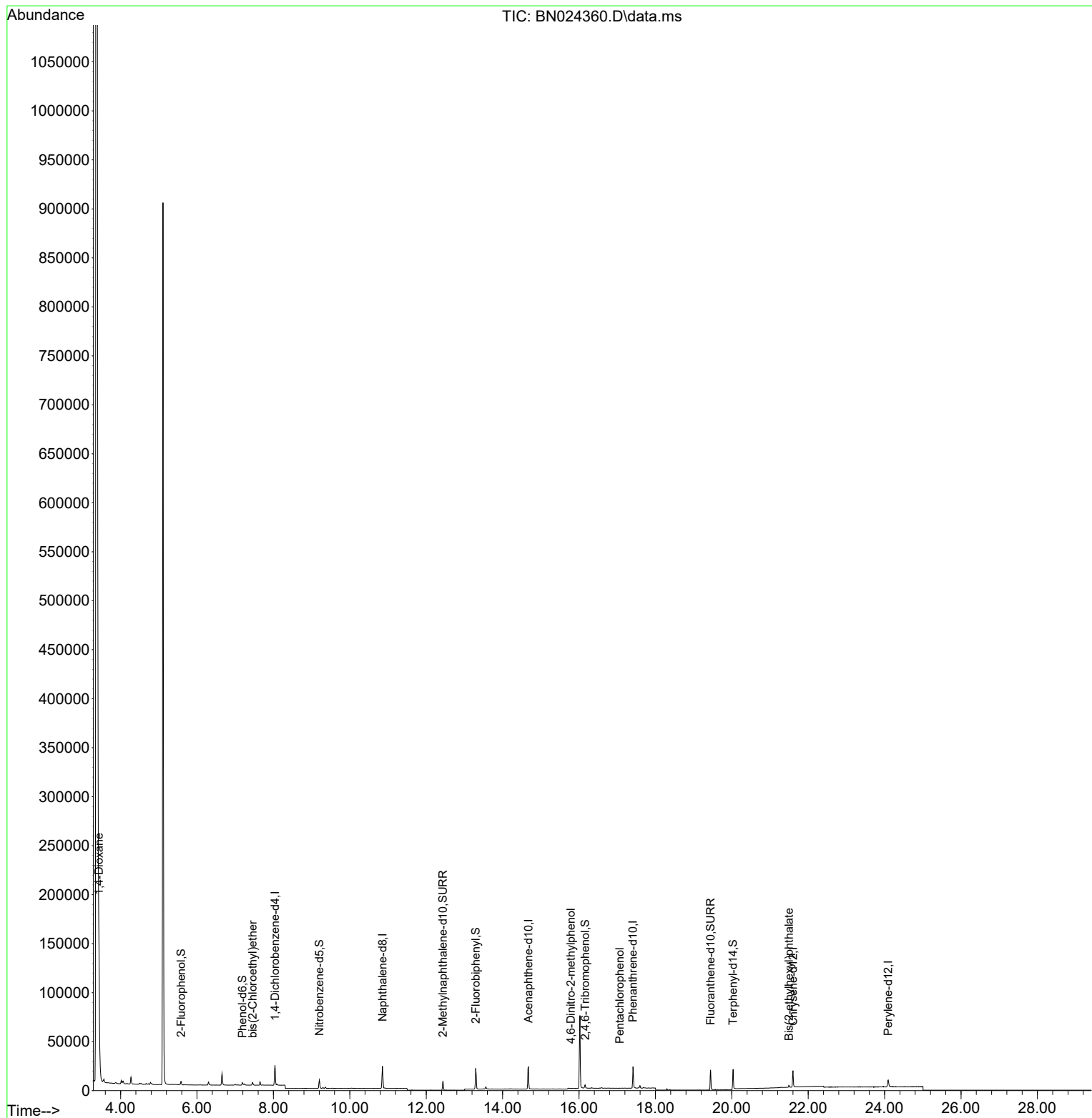
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	9531	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	28444	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	13420	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	26931	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	15871	0.400	ng	0.00
35) Perylene-d12	24.091	264	11533	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2862	0.136	ng	0.00
5) Phenol-d6	7.188	99	2141	0.079	ng	0.00
8) Nitrobenzene-d5	9.200	82	6822	0.359	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	11857	0.339	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1906	0.278	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	17661	0.348	ng	-0.01
27) Fluoranthene-d10	19.442	212	21351	0.374	ng	0.00
31) Terphenyl-d14	20.033	244	15310	0.572	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	35054	3.380	ng	# 93
6) bis(2-Chloroethyl)ether	7.455	93	1671	0.062	ng	93
20) 4,6-Dinitro-2-methylph...	15.787	198	25	0.183	ng	# 1
24) Pentachlorophenol	17.065	266	66	0.134	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.493	149	2211	0.089	ng	96

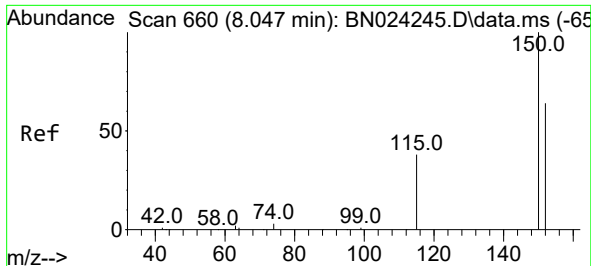
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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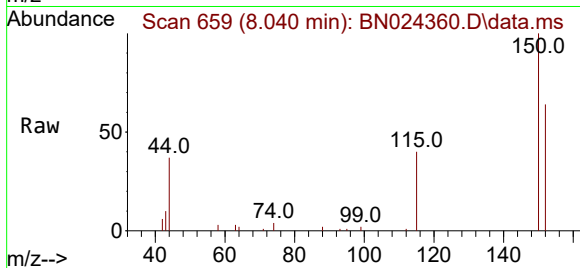
Quant Time: Mar 18 01:21:53 2023
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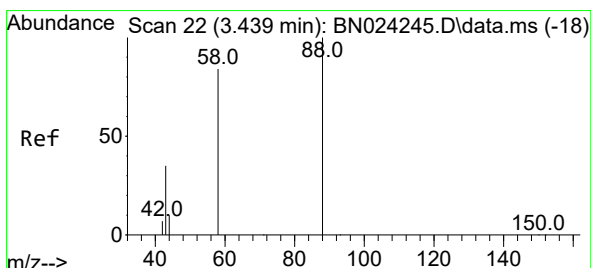
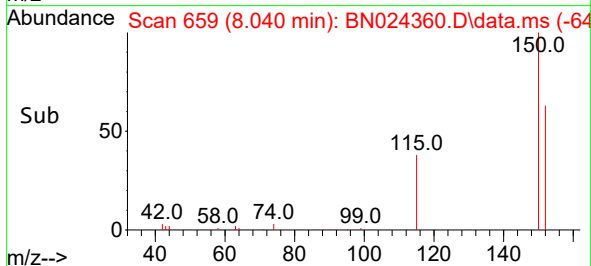
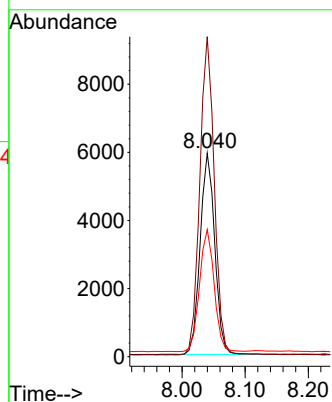


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024360.D
Acq: 17 Mar 2023 23:46

Instrument :
BNA_N
ClientSampleId :
RE108D2-20230308

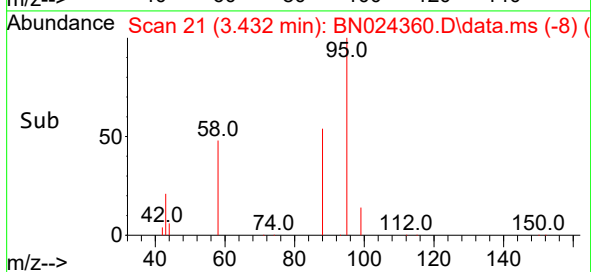
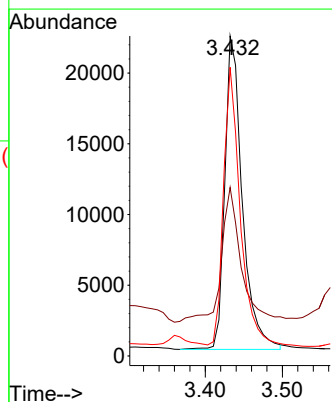
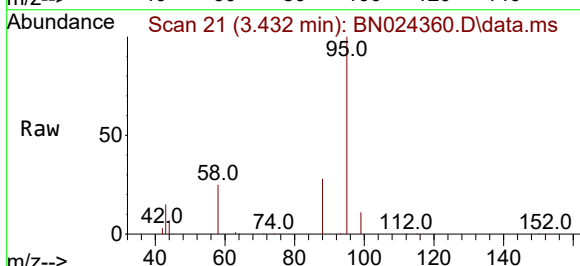


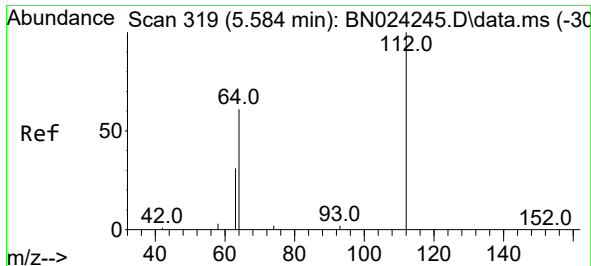
Tgt Ion:152 Resp: 9531
Ion Ratio Lower Upper
152 100
150 157.2 124.7 187.1
115 62.4 49.1 73.7



#2
1,4-Dioxane
Concen: 3.380 ng
RT: 3.432 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN024360.D
Acq: 17 Mar 2023 23:46

Tgt Ion: 88 Resp: 35054
Ion Ratio Lower Upper
88 100
43 48.0 29.0 43.4#
58 83.5 67.3 100.9

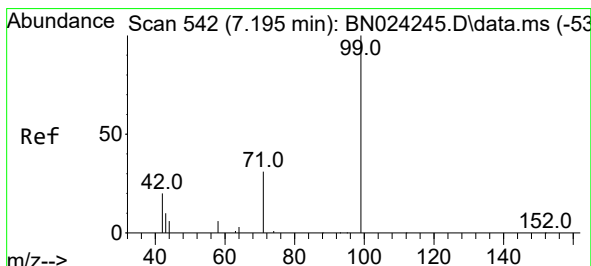
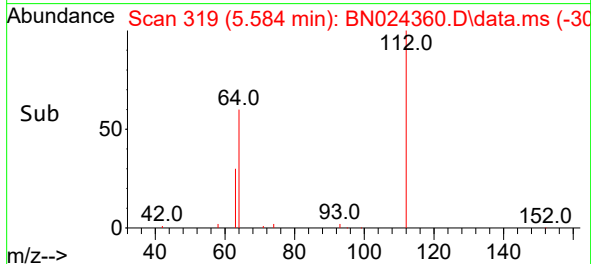
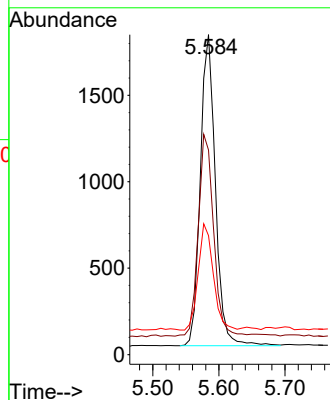
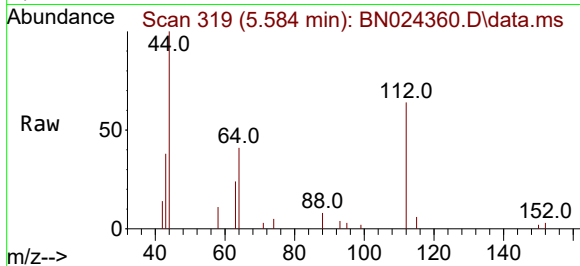




#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024360.D
Acq: 17 Mar 2023 23:46

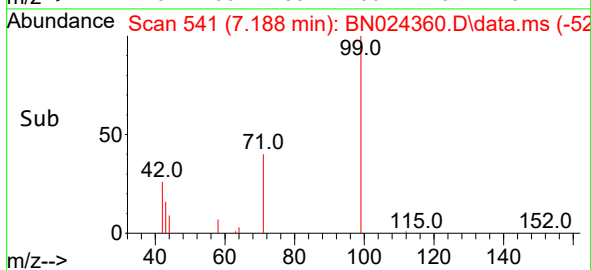
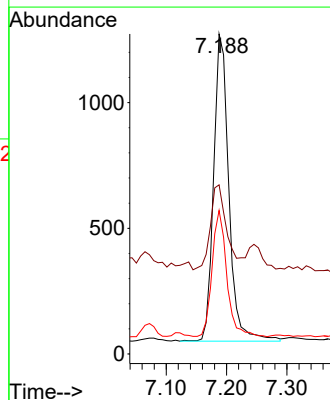
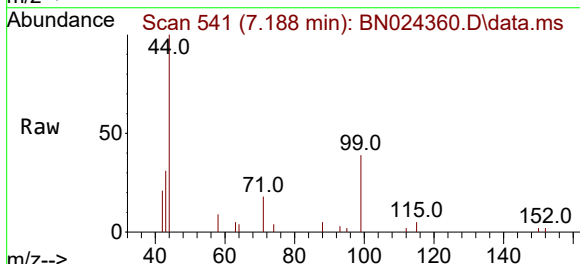
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BNA_N
ClientSampleId :
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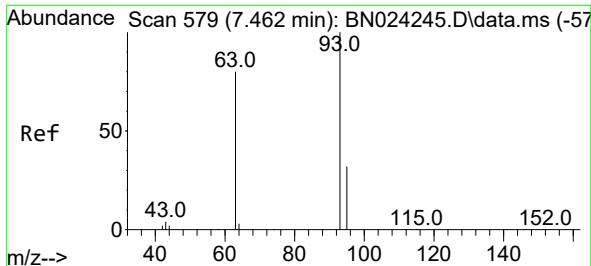
Tgt Ion:112 Resp: 2862
Ion Ratio Lower Upper
112 100
64 65.5 49.0 73.6
63 34.0 25.7 38.5



#5
Phenol-d6
Concen: 0.079 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024360.D
Acq: 17 Mar 2023 23:46

Tgt Ion: 99 Resp: 2141
Ion Ratio Lower Upper
99 100
42 29.6 20.1 30.1
71 39.7 25.8 38.8#

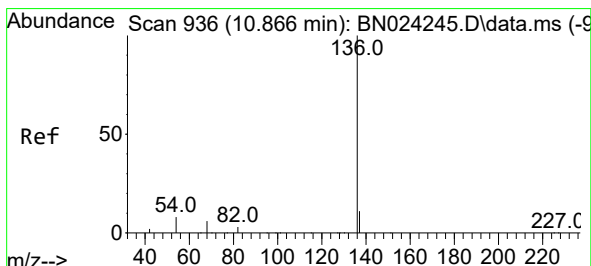
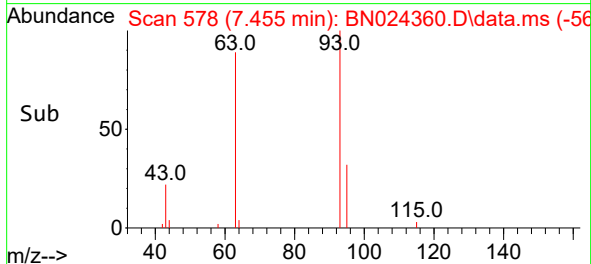
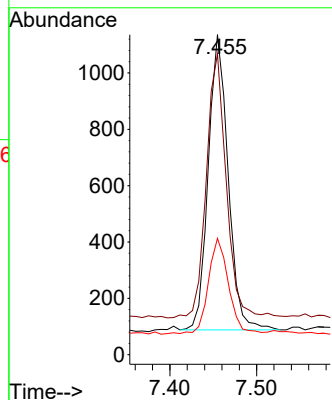
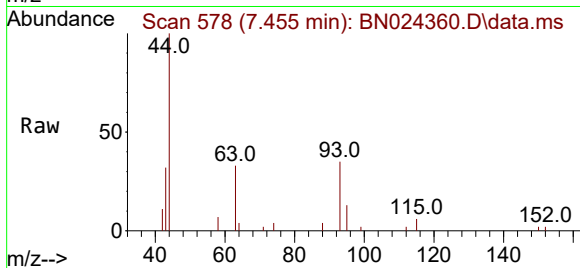




#6
bis(2-Chloroethyl)ether
Concen: 0.062 ng
RT: 7.455 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN024360.D
Acq: 17 Mar 2023 23:46

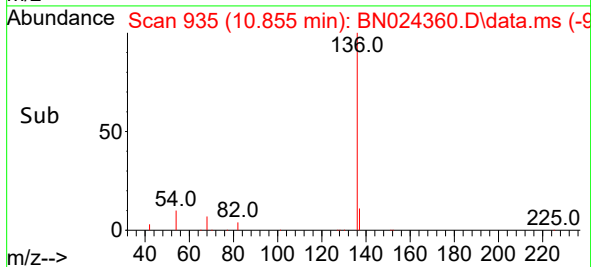
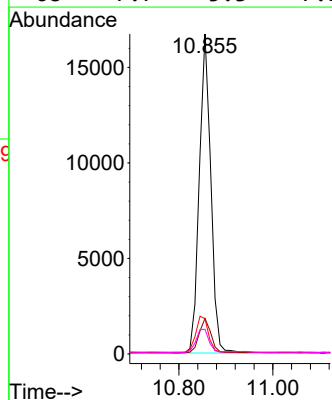
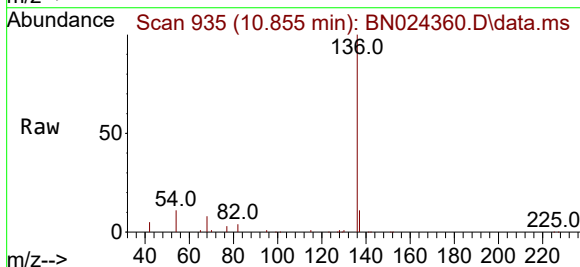
Instrument :
BNA_N
ClientSampleId :
RE108D2-20230308

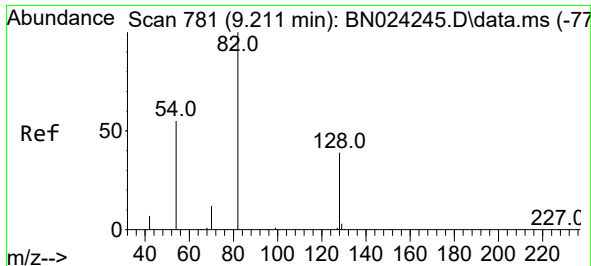
Tgt Ion: 93 Resp: 1671
Ion Ratio Lower Upper
93 100
63 89.8 65.4 98.2
95 32.7 25.8 38.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024360.D
Acq: 17 Mar 2023 23:46

Tgt Ion: 136 Resp: 28444
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 11.0 7.1 10.7#
68 7.7 5.3 7.9

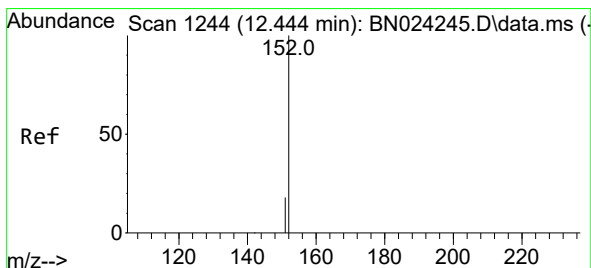
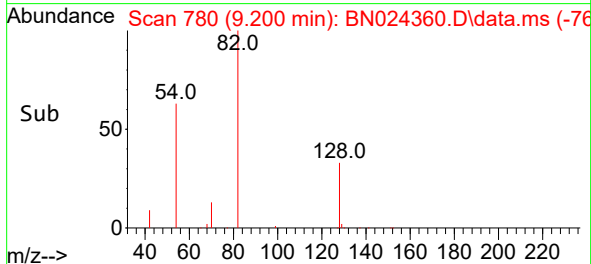
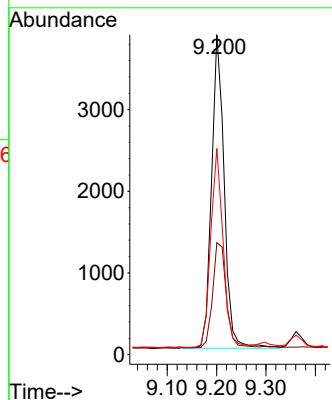
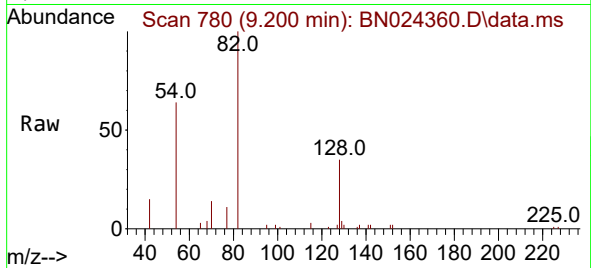




#8
 Nitrobenzene-d5
 Concen: 0.359 ng
 RT: 9.200 min Scan# 781
 Delta R.T. 0.000 min
 Lab File: BN024360.D
 Acq: 17 Mar 2023 23:46

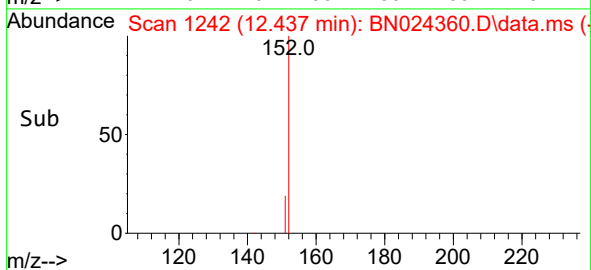
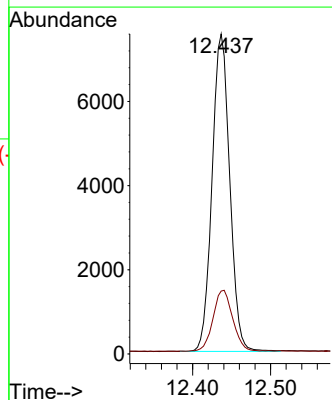
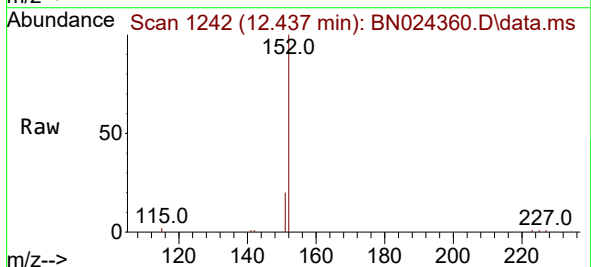
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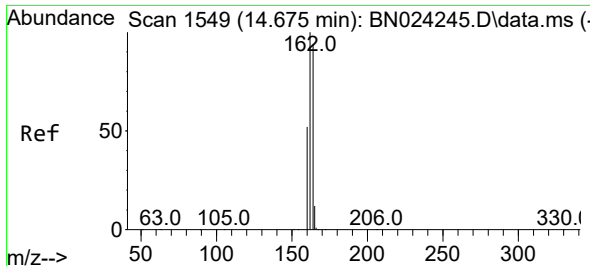
Tgt Ion: 82 Resp: 6822
 Ion Ratio Lower Upper
 82 100
 128 35.0 32.4 48.6
 54 64.4 45.2 67.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.339 ng
 RT: 12.437 min Scan# 1242
 Delta R.T. -0.004 min
 Lab File: BN024360.D
 Acq: 17 Mar 2023 23:46

Tgt Ion: 152 Resp: 11857
 Ion Ratio Lower Upper
 152 100
 151 21.5 16.8 25.2

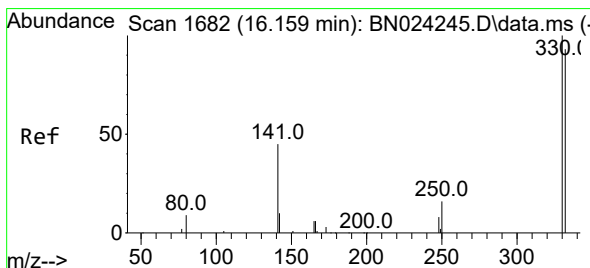
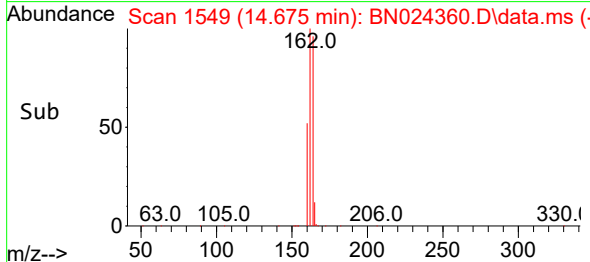
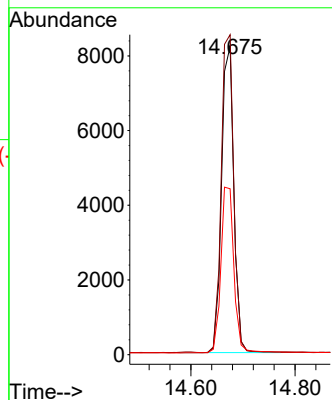
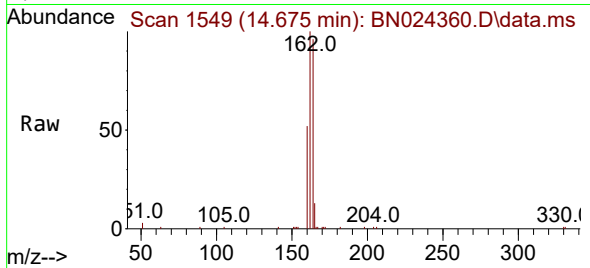




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024360.D
Acq: 17 Mar 2023 23:46

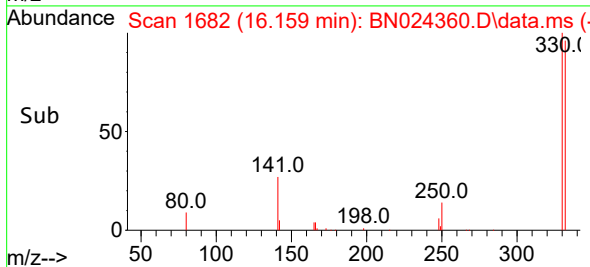
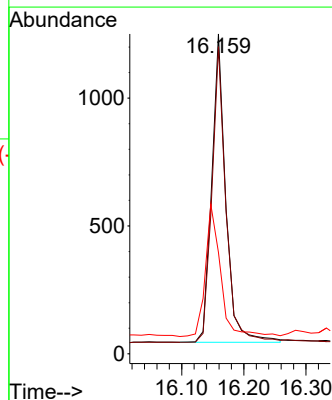
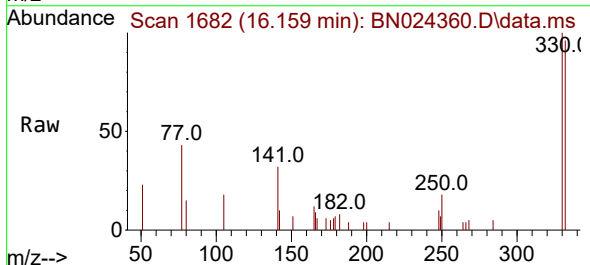
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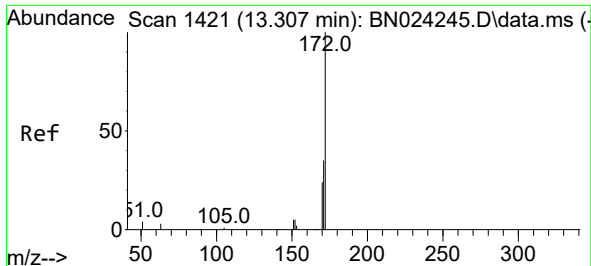
Tgt Ion:164 Resp: 13420
Ion Ratio Lower Upper
164 100
162 103.8 84.7 127.1
160 53.8 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.278 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024360.D
Acq: 17 Mar 2023 23:46

Tgt Ion:330 Resp: 1906
Ion Ratio Lower Upper
330 100
332 95.0 78.0 117.0
141 45.9 30.8 46.2

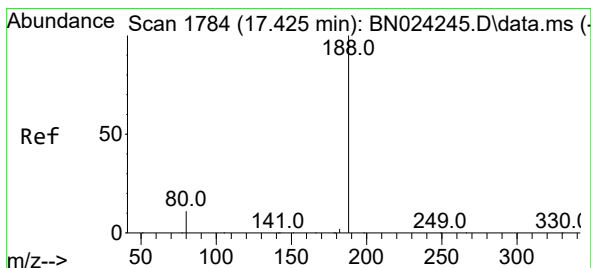
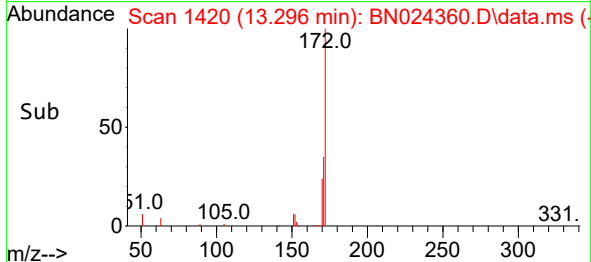
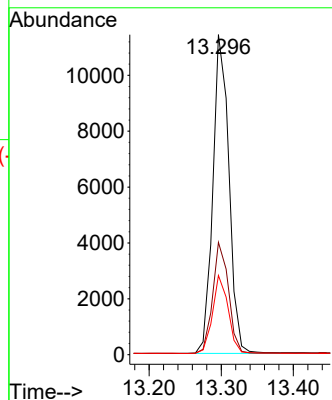
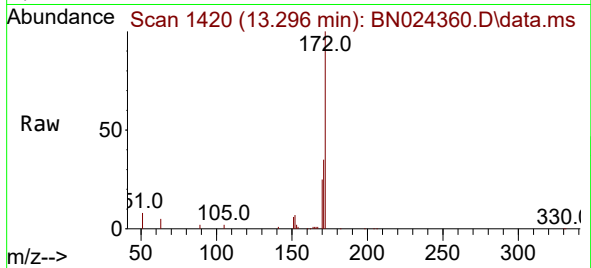




#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.296 min Scan# 1421
Delta R.T. -0.011 min
Lab File: BN024360.D
Acq: 17 Mar 2023 23:46

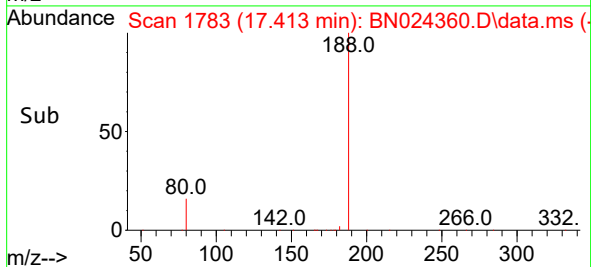
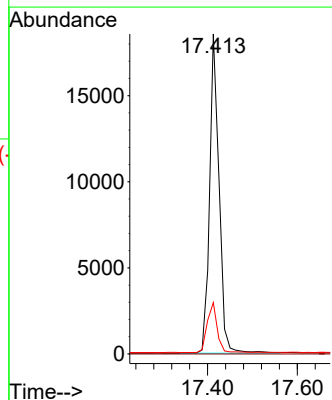
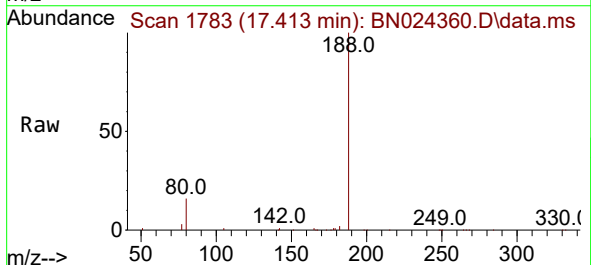
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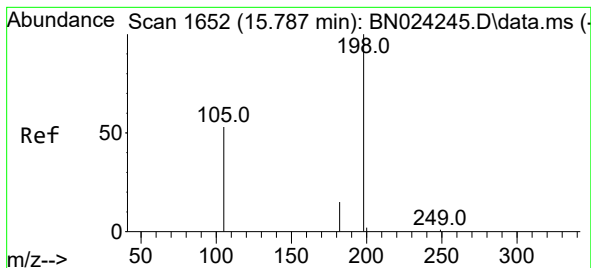
Tgt Ion:172 Resp: 17661
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 24.8 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN024360.D
Acq: 17 Mar 2023 23:46

Tgt Ion:188 Resp: 26931
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.0 8.9 13.3#

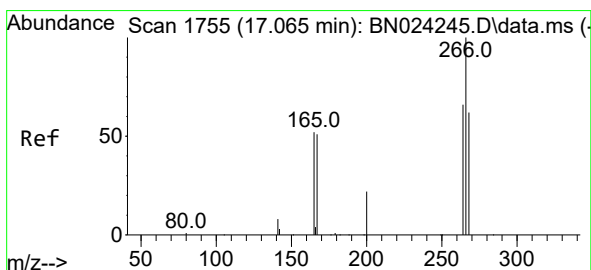
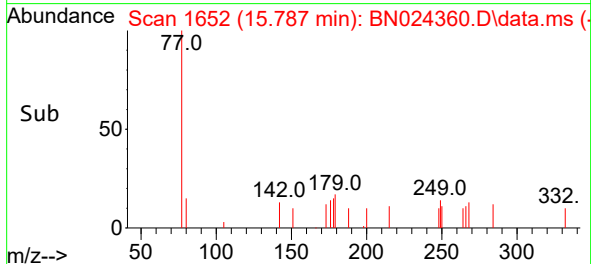
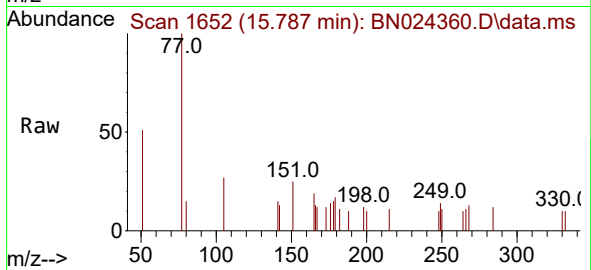




#20
4,6-Dinitro-2-methylphenol
Concen: 0.183 ng
RT: 15.787 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN024360.D
Acq: 17 Mar 2023 23:46

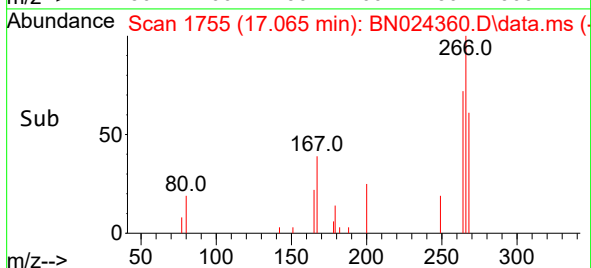
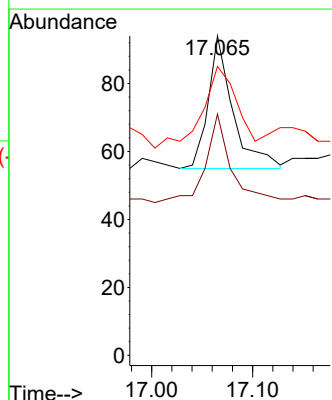
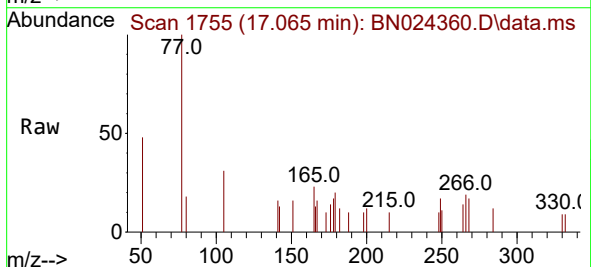
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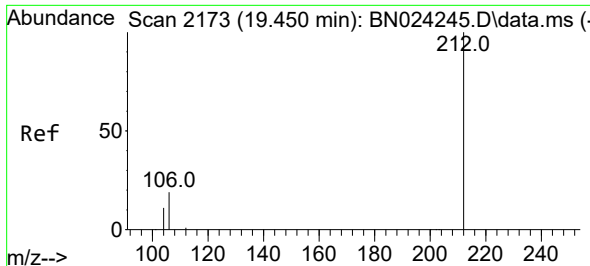
Tgt Ion:198 Resp: 25
Ion Ratio Lower Upper
198 100
51 441.8 68.2 102.2#
105 234.5 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.134 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024360.D
Acq: 17 Mar 2023 23:46

Tgt Ion:266 Resp: 66
Ion Ratio Lower Upper
266 100
264 69.7 51.1 76.7
268 86.4 52.2 78.4#

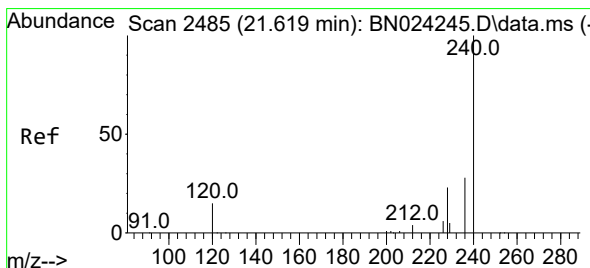
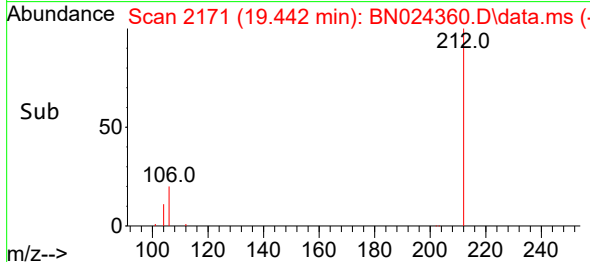
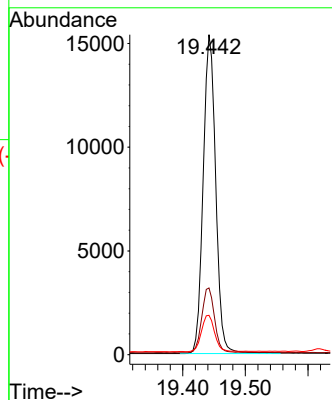
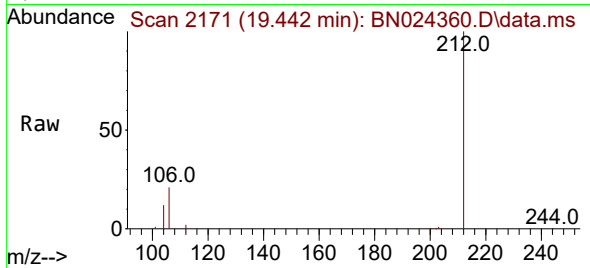




#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.442 min Scan# 2171
Delta R.T. -0.004 min
Lab File: BN024360.D
Acq: 17 Mar 2023 23:46

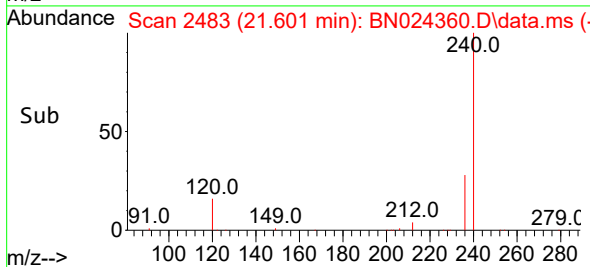
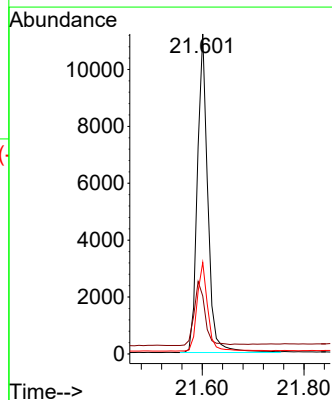
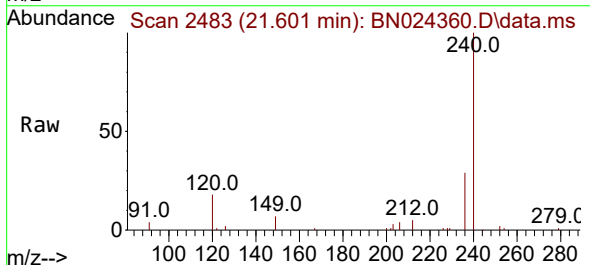
Instrument :
BNA_N
ClientSampleId :
RE108D2-20230308

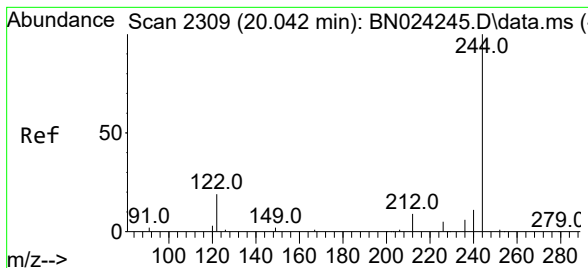
Tgt Ion:212 Resp: 21351
Ion Ratio Lower Upper
212 100
106 20.9 15.4 23.2
104 11.9 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN024360.D
Acq: 17 Mar 2023 23:46

Tgt Ion:240 Resp: 15871
Ion Ratio Lower Upper
240 100
120 18.1 12.8 19.2
236 28.6 22.5 33.7





#31

Terphenyl-d14

Concen: 0.572 ng

RT: 20.033 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024360.D

Acq: 17 Mar 2023 23:46

Instrument :

BNA_N

ClientSampleId :

RE108D2-20230308

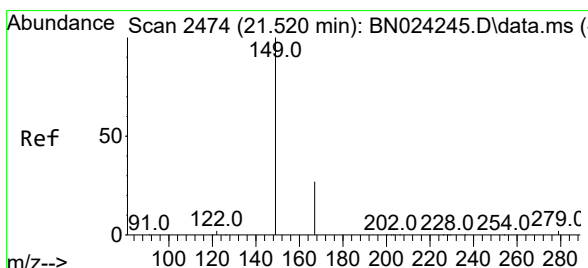
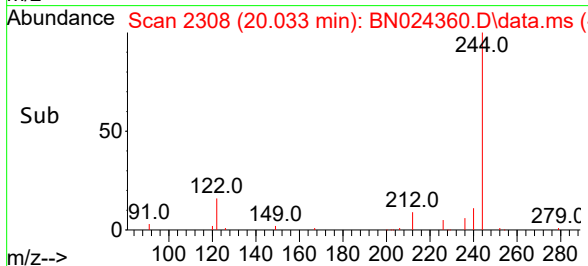
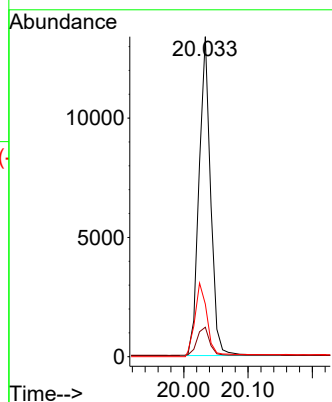
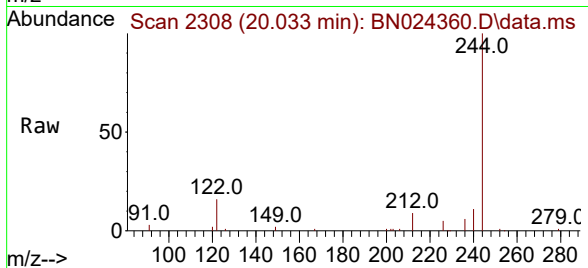
Tgt Ion:244 Resp: 15310

Ion Ratio Lower Upper

244 100

212 9.2 7.6 11.4

122 16.4 15.1 22.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.089 ng

RT: 21.493 min Scan# 2471

Delta R.T. -0.009 min

Lab File: BN024360.D

Acq: 17 Mar 2023 23:46

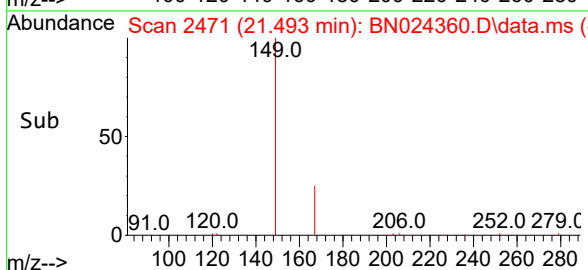
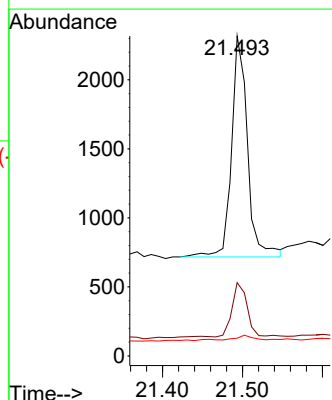
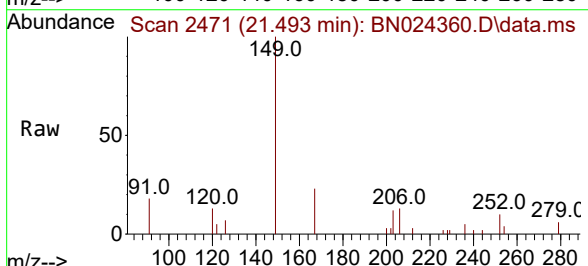
Tgt Ion:149 Resp: 2211

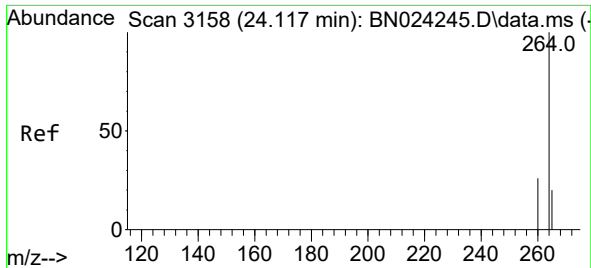
Ion Ratio Lower Upper

149 100

167 24.1 21.2 31.8

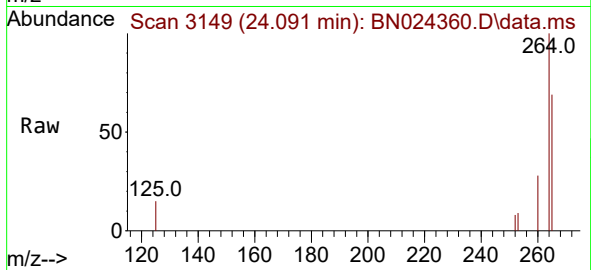
279 2.0 1.8 2.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.091 min Scan# 315
 Delta R.T. -0.023 min
 Lab File: BN024360.D
 Acq: 17 Mar 2023 23:46

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20230308



Tgt Ion:264 Resp: 11533
 Ion Ratio Lower Upper
 264 100
 260 27.9 21.4 32.2
 265 68.8 35.7 53.5#

