

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030823\
 Data File : BN024161.D
 Acq On : 08 Mar 2023 02:02
 Operator : CG/JU
 Sample : 01683-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230223

Quant Time: Mar 08 04:13:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 08 03:54:47 2023
 Response via : Initial Calibration

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

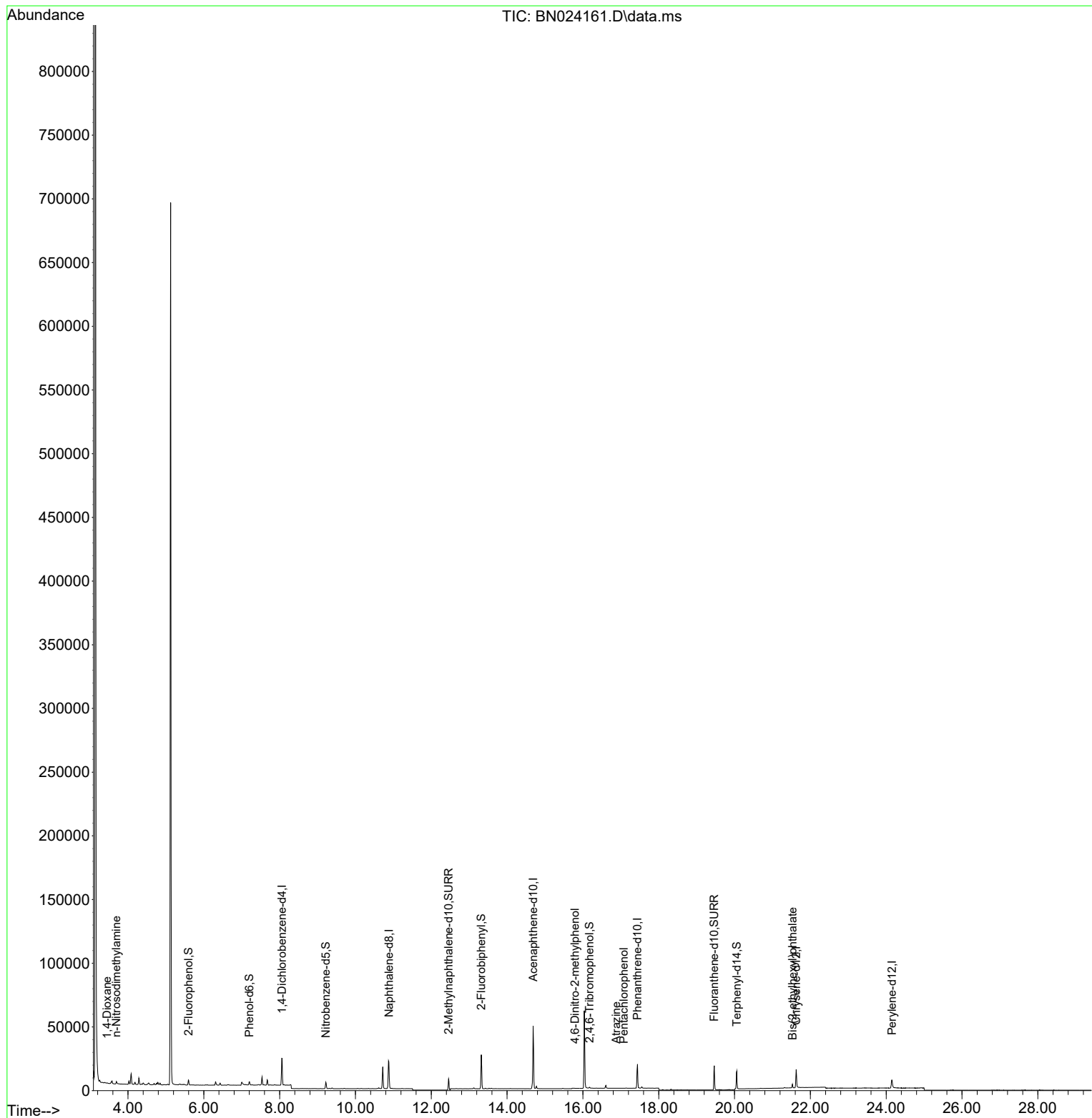
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	10630	0.400	ng	0.00
7) Naphthalene-d8	10.883	136	29794	0.400	ng	0.00
13) Acenaphthene-d10	14.688	164	15901	0.400	ng	-0.01
19) Phenanthrene-d10	17.439	188	25523	0.400	ng	0.00
29) Chrysene-d12	21.625	240	14290	0.400	ng	# 0.00
35) Perylene-d12	24.150	264	10282	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	2930	0.132	ng	0.00
5) Phenol-d6	7.204	99	2252	0.078	ng	0.00
8) Nitrobenzene-d5	9.217	82	3899	0.285	ng	-0.01
11) 2-Methylnaphthalene-d10	12.458	152	13586	0.286	ng	0.00
14) 2,4,6-Tribromophenol	16.173	330	404	0.061	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	21681	0.345	ng	0.00
27) Fluoranthene-d10	19.465	212	19920	0.386	ng	0.00
31) Terphenyl-d14	20.058	244	11023	0.436	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.449	88	219	0.021	ng	# 8
3) n-Nitrosodimethylamine	3.694	42	524	0.036	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.788	198	4	0.173	ng	# 1
23) Atrazine	16.881	200	6	0.098	ng	# 1
24) Pentachlorophenol	17.079	266	11	0.159	ng	# 64
34) Bis(2-ethylhexyl)phtha...	21.527	149	2647	0.151	ng	99

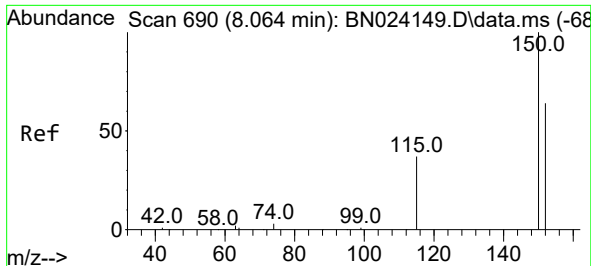
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030823\
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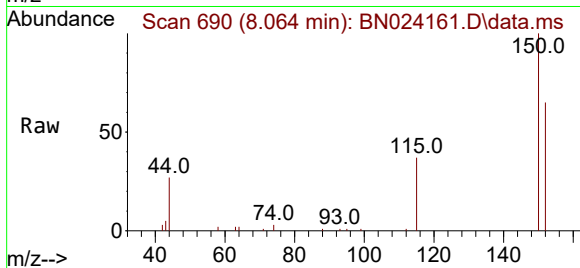
Quant Time: Mar 08 04:13:36 2023
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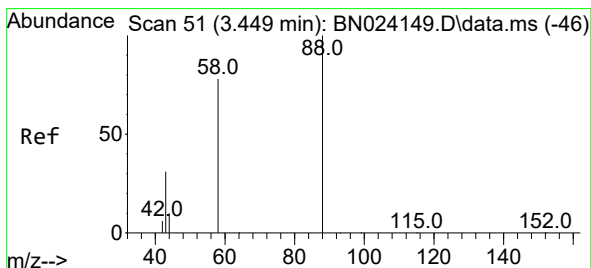
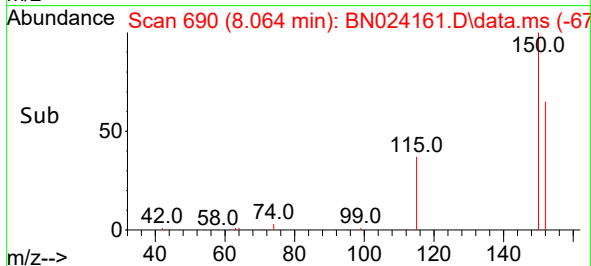
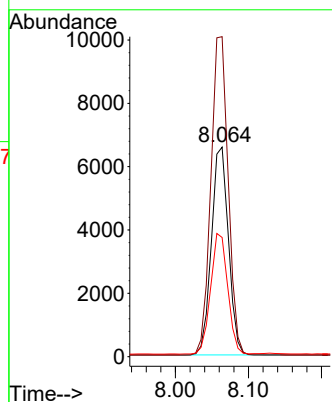


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.064 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: BN024161.D
 Acq: 08 Mar 2023 02:02

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230223

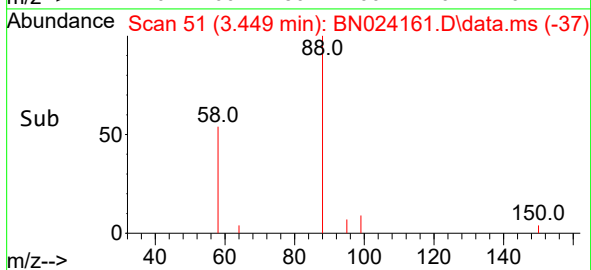
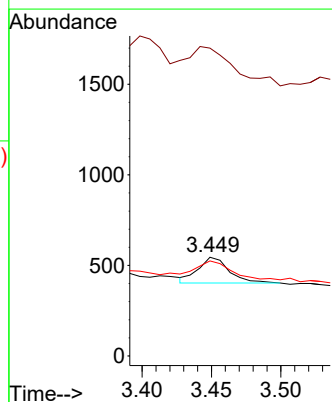
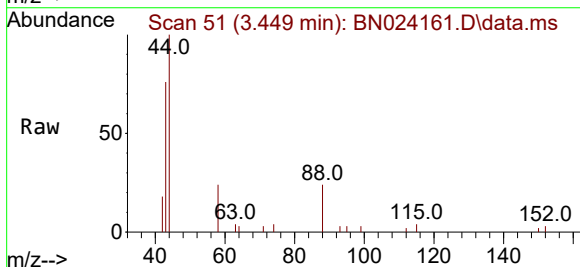


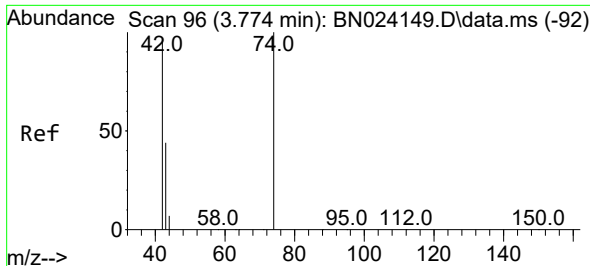
Tgt Ion:152 Resp: 10630
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.8 185.6
 115 56.9 46.4 69.6



#2
 1,4-Dioxane
 Concen: 0.021 ng
 RT: 3.449 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN024161.D
 Acq: 08 Mar 2023 02:02

Tgt Ion: 88 Resp: 219
 Ion Ratio Lower Upper
 88 100
 43 213.7 27.8 41.8#
 58 82.6 65.8 98.6

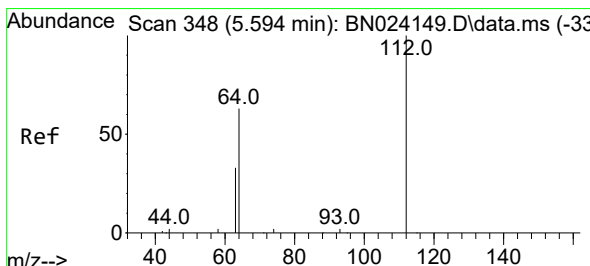
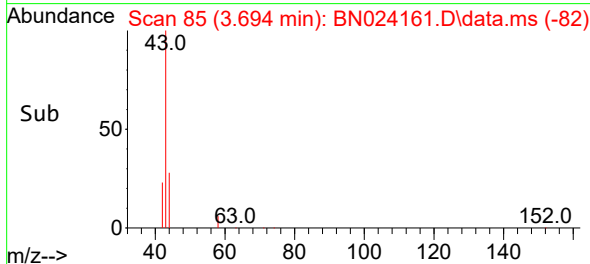
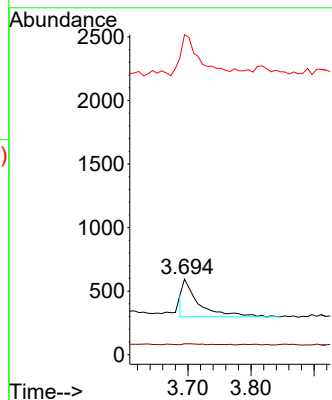
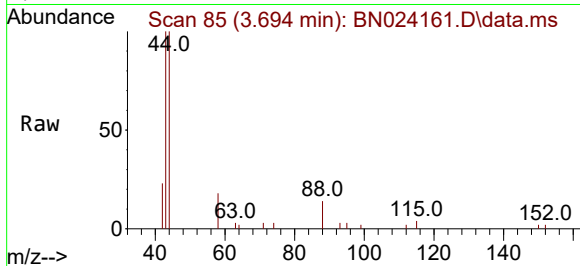




#3
n-Nitrosodimethylamine
Concen: 0.036 ng
RT: 3.694 min Scan# 81
Delta R.T. -0.079 min
Lab File: BN024161.D
Acq: 08 Mar 2023 02:02

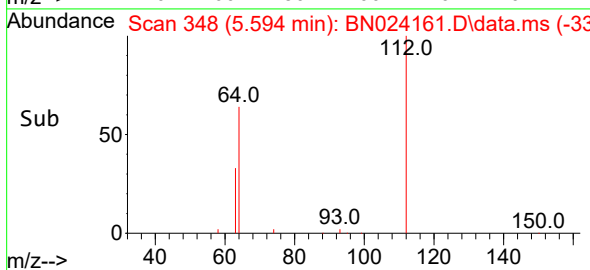
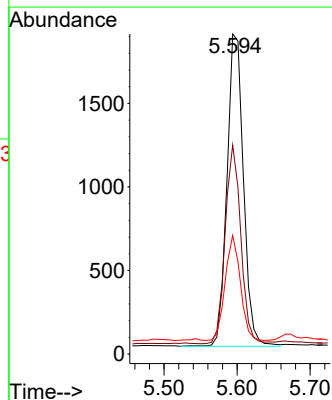
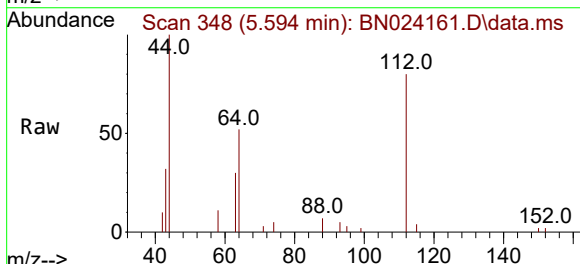
Instrument :
BNA_N
ClientSampleId :
SP-303-20230223

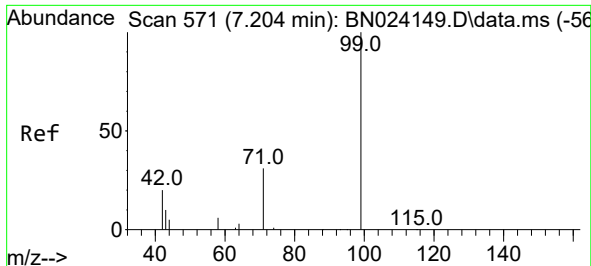
Tgt Ion: 42 Resp: 524
Ion Ratio Lower Upper
42 100
74 2.7 78.0 117.0#
44 83.8 10.3 15.5#



#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.594 min Scan# 348
Delta R.T. 0.000 min
Lab File: BN024161.D
Acq: 08 Mar 2023 02:02

Tgt Ion: 112 Resp: 2930
Ion Ratio Lower Upper
112 100
64 60.4 48.2 72.2
63 30.8 25.4 38.2

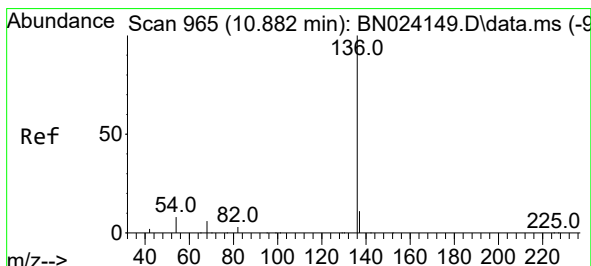
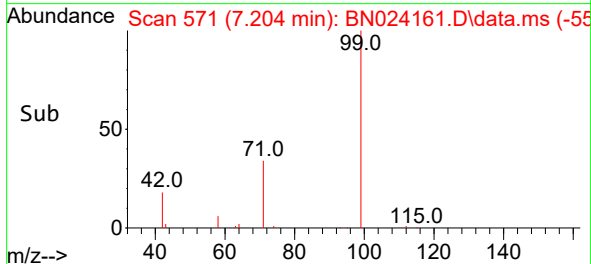
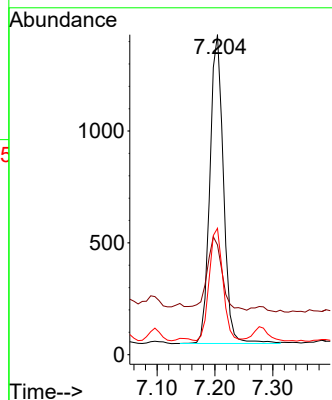
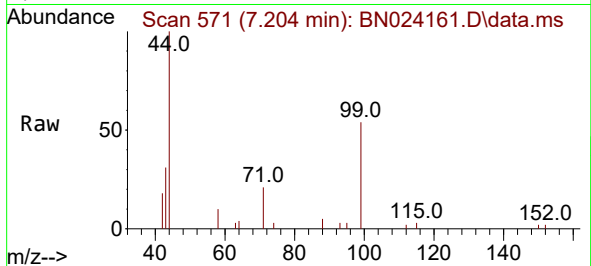




#5
Phenol-d6
Concen: 0.078 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN024161.D
Acq: 08 Mar 2023 02:02

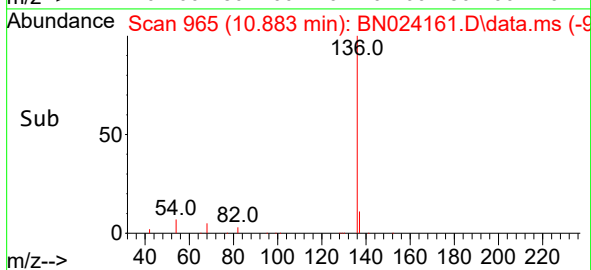
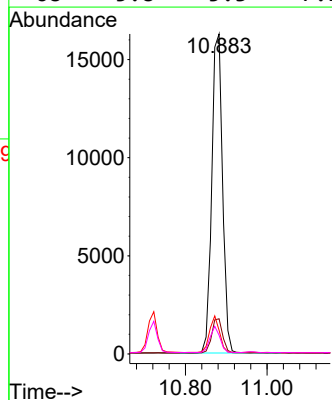
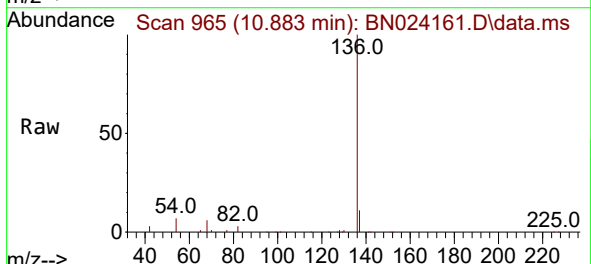
Instrument :
BNA_N
ClientSampleId :
SP-303-20230223

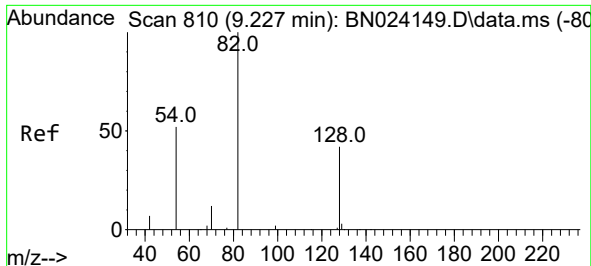
Tgt Ion:	99	Resp:	2252
Ion	Ratio	Lower	Upper
99	100		
42	26.2	19.2	28.8
71	36.9	25.8	38.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.883 min Scan# 965
Delta R.T. 0.000 min
Lab File: BN024161.D
Acq: 08 Mar 2023 02:02

Tgt Ion:	136	Resp:	29794
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.4	6.8	10.2
68	5.8	5.3	7.9

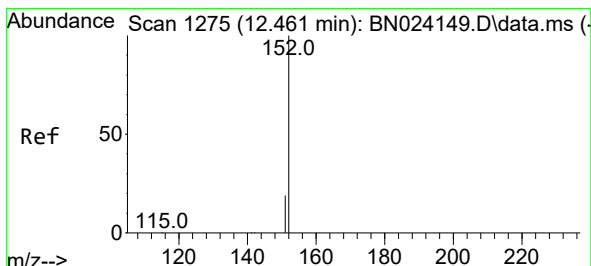
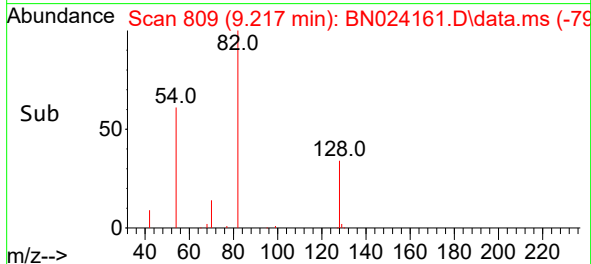
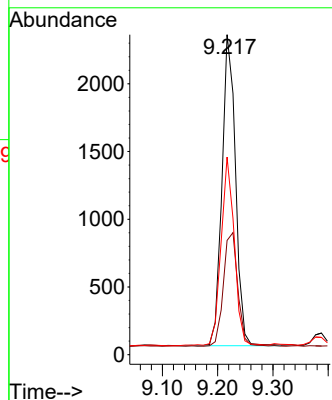
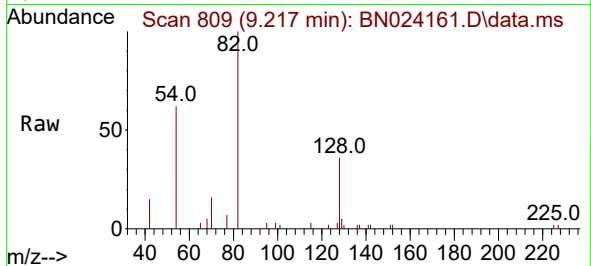




#8
Nitrobenzene-d5
Concen: 0.285 ng
RT: 9.217 min Scan# 810
Delta R.T. -0.010 min
Lab File: BN024161.D
Acq: 08 Mar 2023 02:02

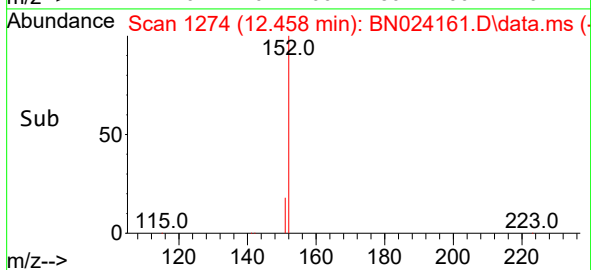
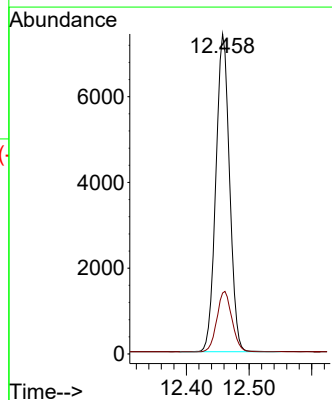
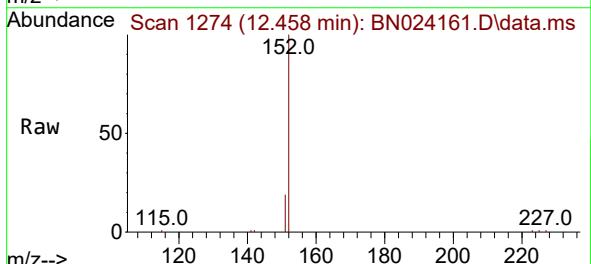
Instrument :
BNA_N
ClientSampleId :
SP-303-20230223

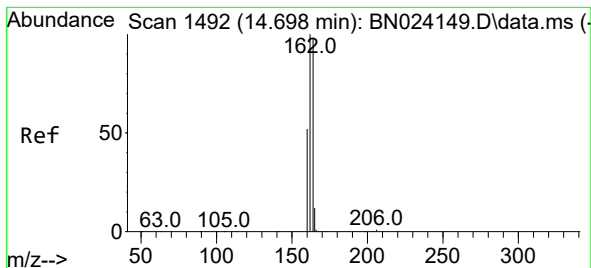
Tgt Ion: 82 Resp: 3899
Ion Ratio Lower Upper
82 100
128 35.7 34.5 51.7
54 61.7 42.8 64.2



#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.458 min Scan# 1274
Delta R.T. -0.004 min
Lab File: BN024161.D
Acq: 08 Mar 2023 02:02

Tgt Ion: 152 Resp: 13586
Ion Ratio Lower Upper
152 100
151 20.8 17.8 26.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.688 min Scan# 1492

Delta R.T. -0.010 min

Lab File: BN024161.D

Acq: 08 Mar 2023 02:02

Instrument :

BNA_N

ClientSampleId :

SP-303-20230223

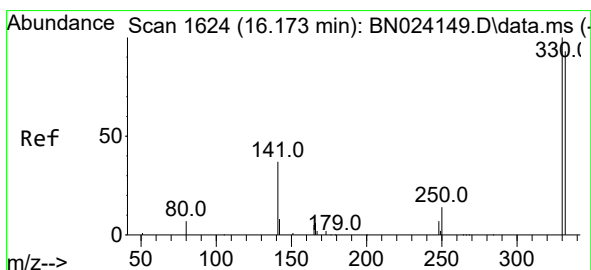
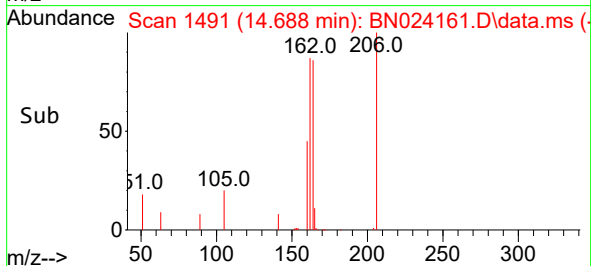
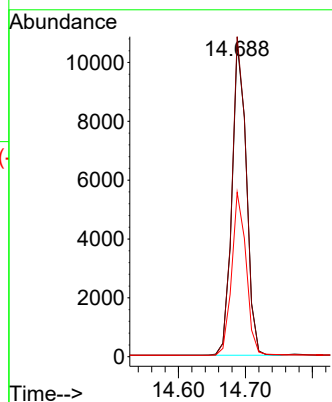
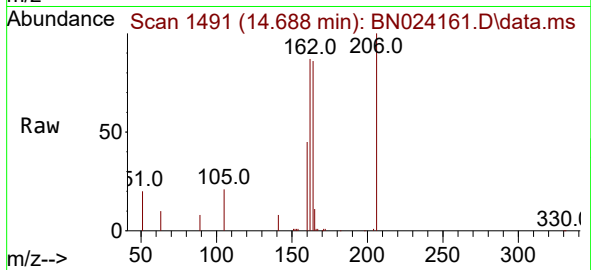
Tgt Ion:164 Resp: 15901

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

160 52.4 43.0 64.6



#14

2,4,6-Tribromophenol

Concen: 0.061 ng

RT: 16.173 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BN024161.D

Acq: 08 Mar 2023 02:02

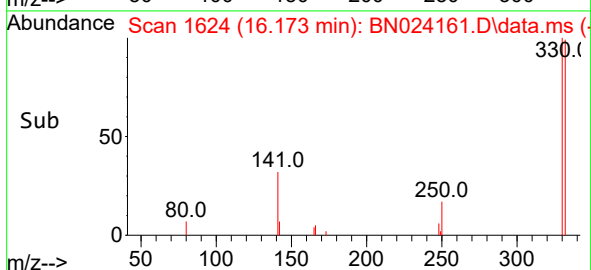
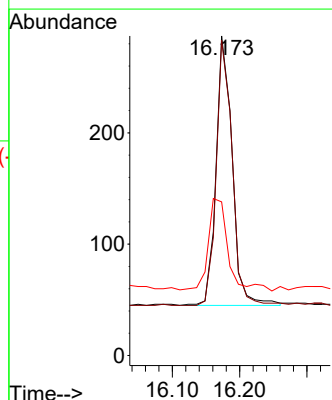
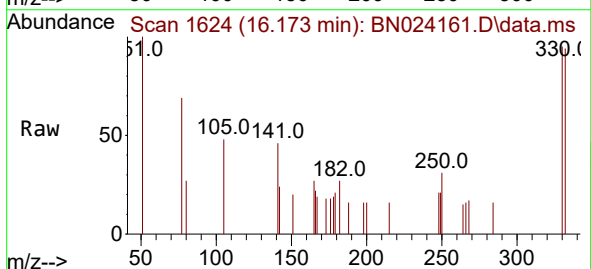
Tgt Ion:330 Resp: 404

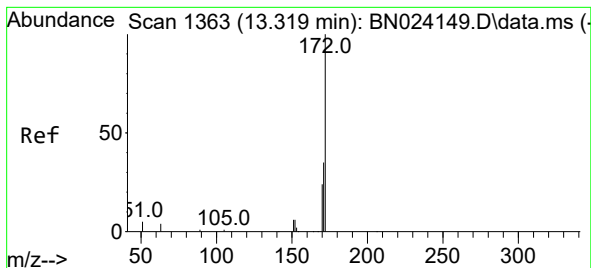
Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.2

141 42.1 28.9 43.3





#15

2-Fluorobiphenyl

Concen: 0.345 ng

RT: 13.319 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024161.D

Acq: 08 Mar 2023 02:02

Instrument :

BNA_N

ClientSampleId :

SP-303-20230223

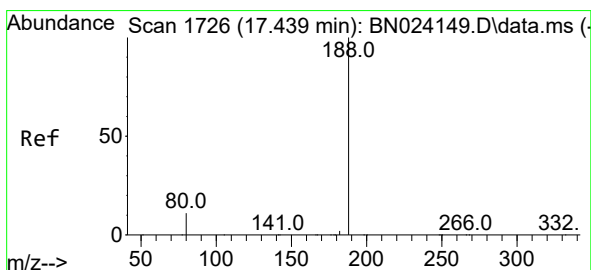
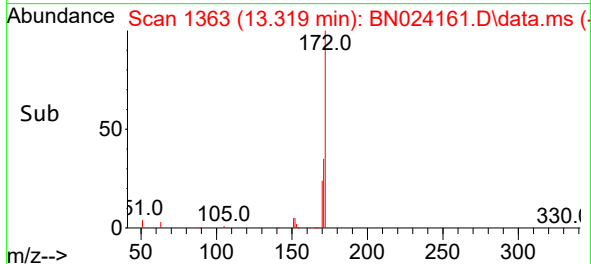
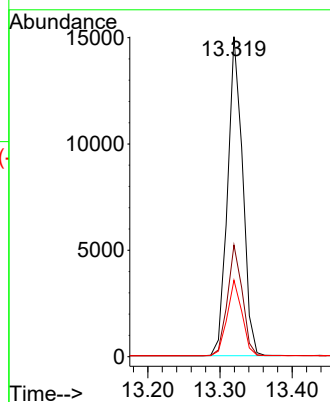
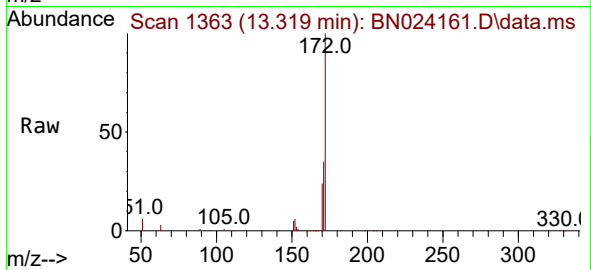
Tgt Ion:172 Resp: 21681

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.9 19.7 29.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.439 min Scan# 1726

Delta R.T. 0.000 min

Lab File: BN024161.D

Acq: 08 Mar 2023 02:02

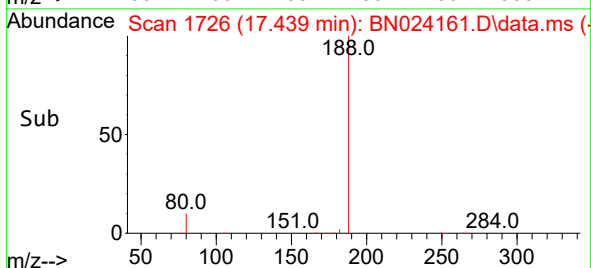
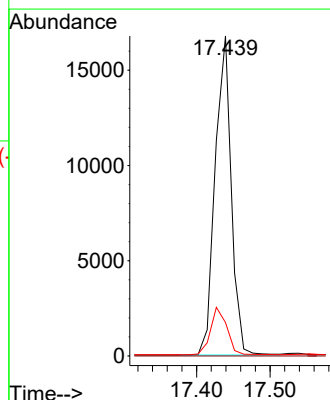
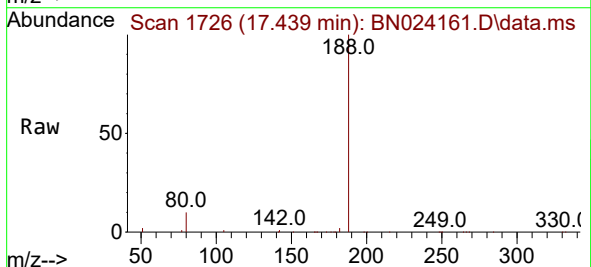
Tgt Ion:188 Resp: 25523

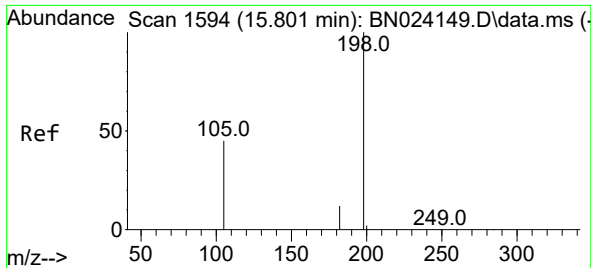
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.4 9.4 14.0

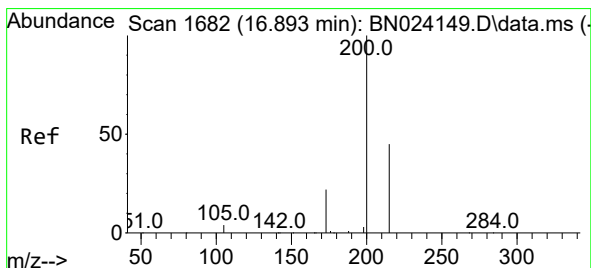
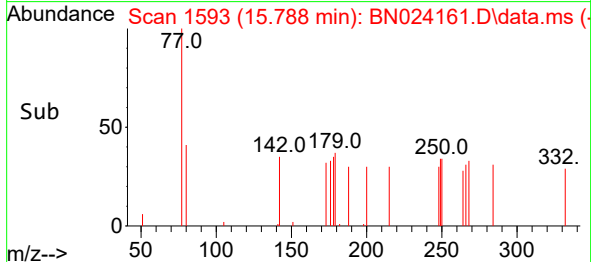
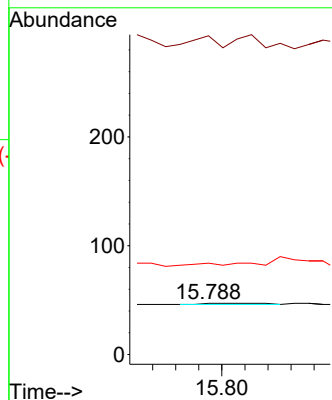
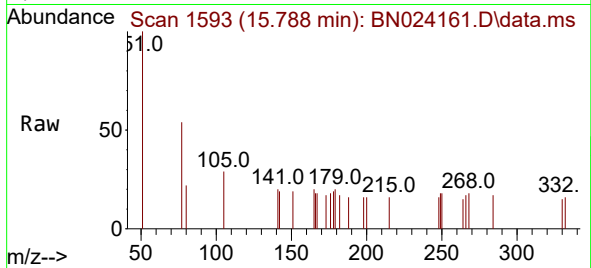




#20
4,6-Dinitro-2-methylphenol
Concen: 0.173 ng
RT: 15.788 min Scan# 1593
Delta R.T. -0.013 min
Lab File: BN024161.D
Acq: 08 Mar 2023 02:02

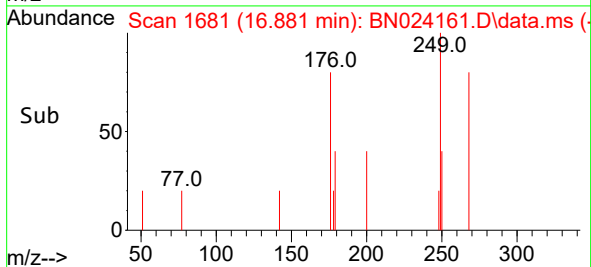
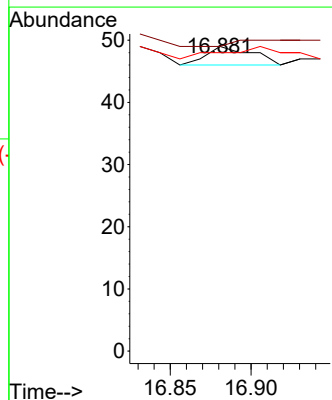
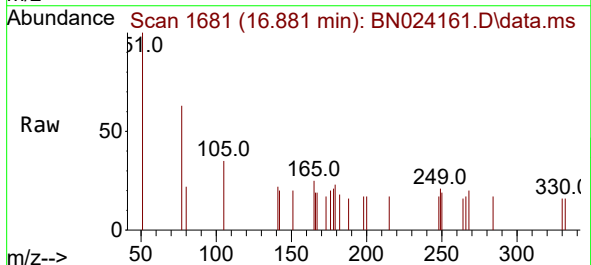
Instrument :
BNA_N
ClientSampleId :
SP-303-20230223

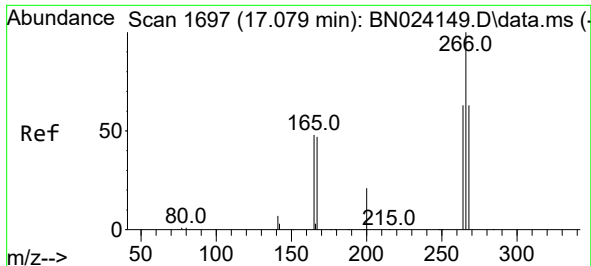
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 623.4 79.8 119.8#
105 178.7 48.8 73.2#



#23
Atrazine
Concen: 0.098 ng
RT: 16.881 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN024161.D
Acq: 08 Mar 2023 02:02

Tgt Ion:200 Resp: 6
Ion Ratio Lower Upper
200 100
173 100.0 19.8 29.6#
215 98.0 37.7 56.5#

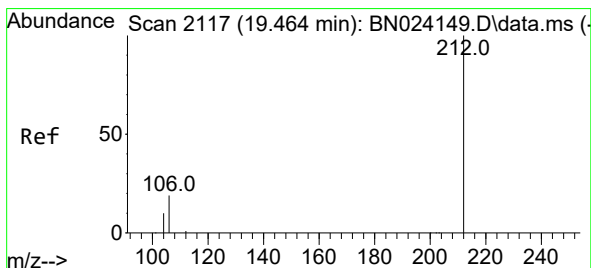
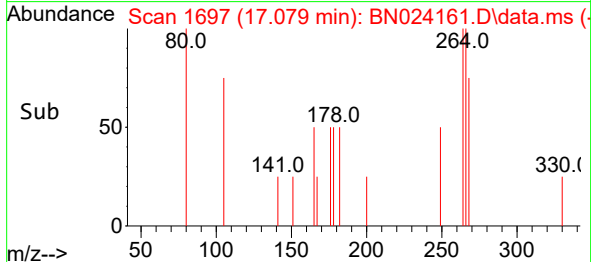
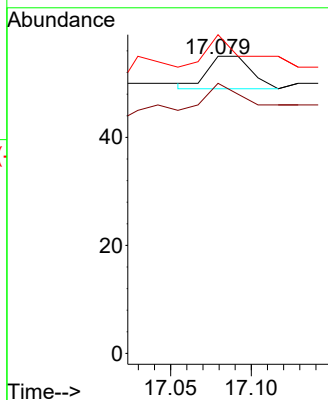
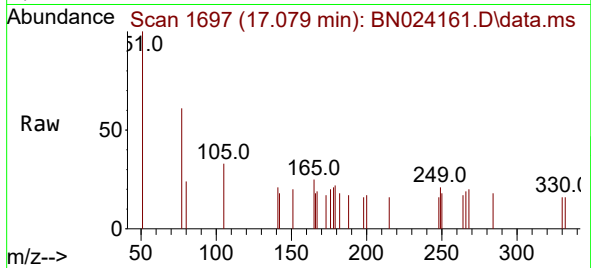




#24
 Pentachlorophenol
 Concen: 0.159 ng
 RT: 17.079 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN024161.D
 Acq: 08 Mar 2023 02:02

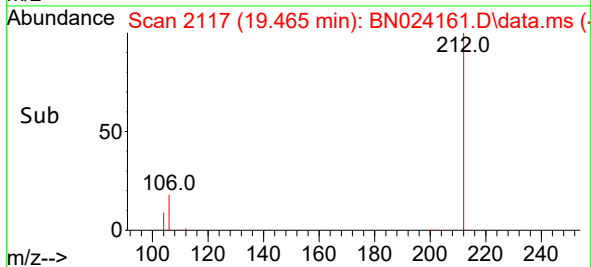
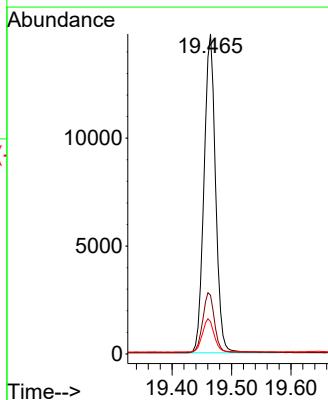
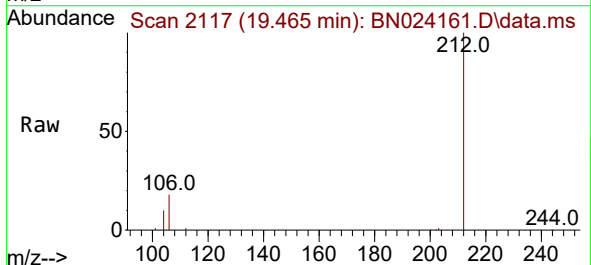
Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230223

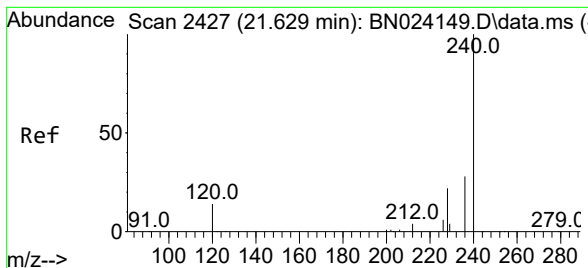
Tgt Ion:266 Resp: 11
 Ion Ratio Lower Upper
 266 100
 264 90.9 49.4 74.0#
 268 90.9 51.4 77.0#



#27
 Fluoranthene-d10
 Concen: 0.386 ng
 RT: 19.465 min Scan# 2117
 Delta R.T. 0.000 min
 Lab File: BN024161.D
 Acq: 08 Mar 2023 02:02

Tgt Ion:212 Resp: 19920
 Ion Ratio Lower Upper
 212 100
 106 19.1 14.9 22.3
 104 10.5 8.4 12.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.625 min Scan# 2426

Delta R.T. -0.004 min

Lab File: BN024161.D

Acq: 08 Mar 2023 02:02

Instrument :

BNA_N

ClientSampleId :

SP-303-20230223

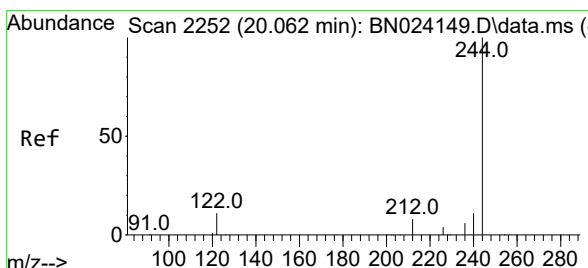
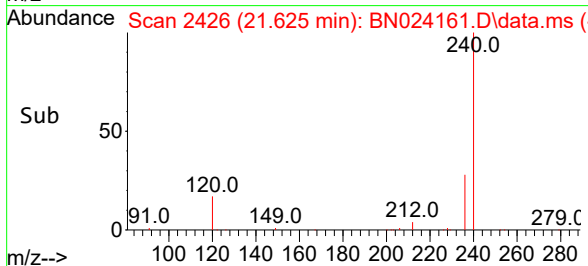
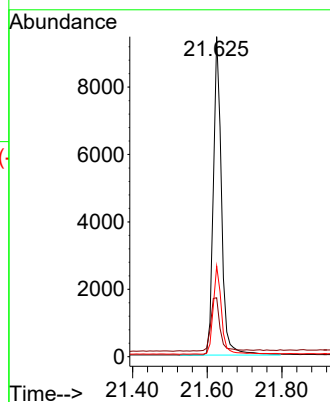
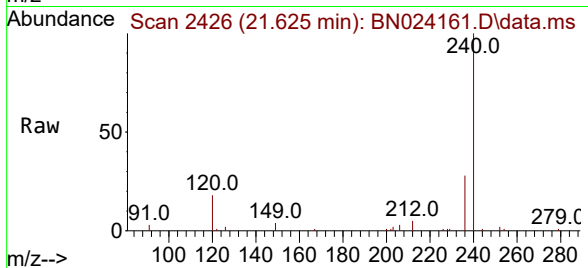
Tgt Ion:240 Resp: 14290

Ion Ratio Lower Upper

240 100

120 18.4 12.2 18.2#

236 28.3 22.6 34.0



#31

Terphenyl-d14

Concen: 0.436 ng

RT: 20.058 min Scan# 2251

Delta R.T. -0.004 min

Lab File: BN024161.D

Acq: 08 Mar 2023 02:02

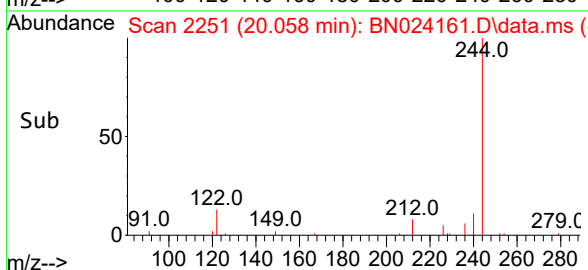
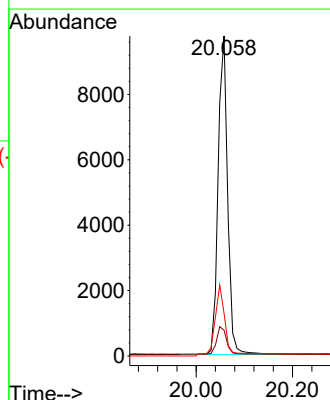
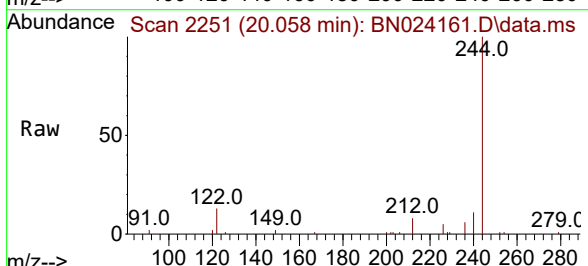
Tgt Ion:244 Resp: 11023

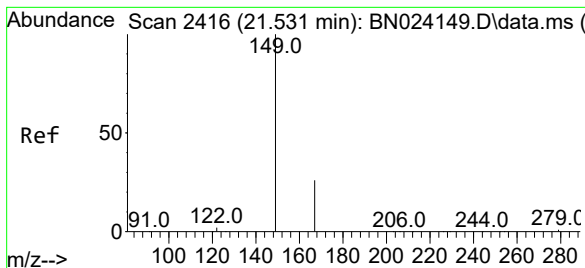
Ion Ratio Lower Upper

244 100

212 8.0 6.7 10.1

122 13.4 9.7 14.5





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.151 ng

RT: 21.527 min Scan# 2416

Delta R.T. -0.004 min

Lab File: BN024161.D

Acq: 08 Mar 2023 02:02

Instrument :

BNA_N

ClientSampleId :

SP-303-20230223

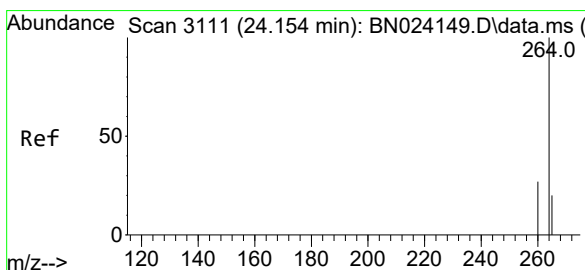
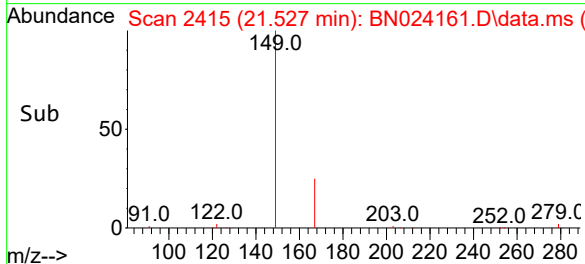
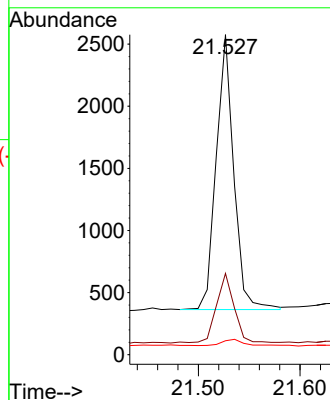
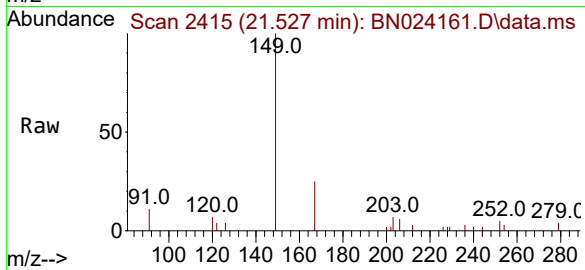
Tgt Ion:149 Resp: 2647

Ion Ratio Lower Upper

149 100

167 25.9 20.5 30.7

279 2.6 2.0 3.0



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.150 min Scan# 3110

Delta R.T. -0.004 min

Lab File: BN024161.D

Acq: 08 Mar 2023 02:02

Tgt Ion:264 Resp: 10282

Ion Ratio Lower Upper

264 100

260 27.1 22.1 33.1

265 47.5 35.4 53.0

