

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024340.D
 Acq On : 17 Mar 2023 11:22
 Operator : CG/JU
 Sample : 01880-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT149S1-20230309

Quant Time: Mar 17 22:41:51 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)

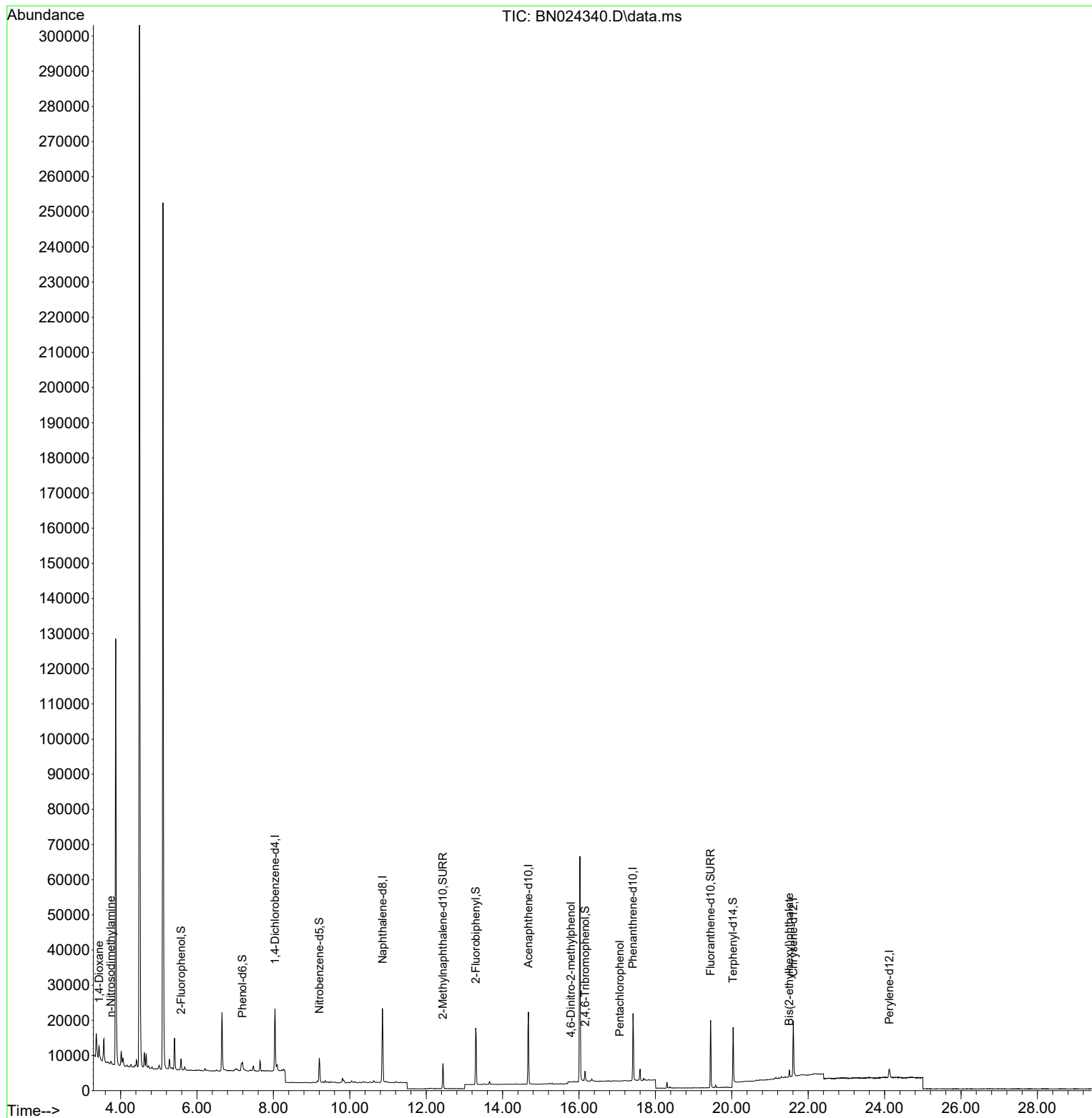
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	8539	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	25747	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	11292	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	24458	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	14607	0.400	ng	# 0.00
35) Perylene-d12	24.120	264	4566	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2535	0.134	ng	0.00
5) Phenol-d6	7.188	99	1888	0.078	ng	0.00
8) Nitrobenzene-d5	9.201	82	5605	0.326	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	9633	0.304	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1529	0.265	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	14366	0.337	ng	-0.01
27) Fluoranthene-d10	19.446	212	19244	0.371	ng	0.00
31) Terphenyl-d14	20.034	244	11740	0.477	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.439	88	2693	0.290	ng	# 81
3) n-Nitrosodimethylamine	3.743	42	320	0.023	ng	# 5
20) 4,6-Dinitro-2-methylph...	15.787	198	4	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	48	0.133	ng	# 63
34) Bis(2-ethylhexyl)phtha...	21.502	149	2185	0.095	ng	# 92

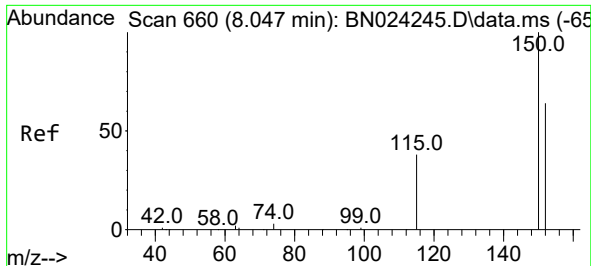
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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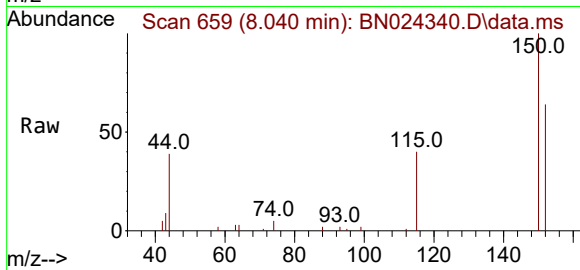
Quant Time: Mar 17 22:41:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
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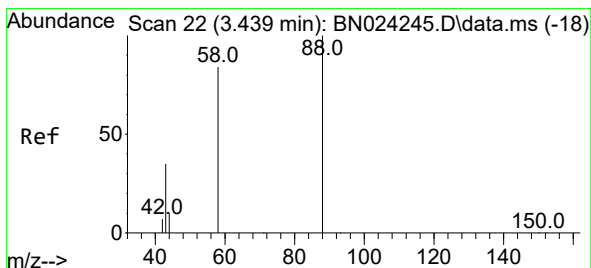
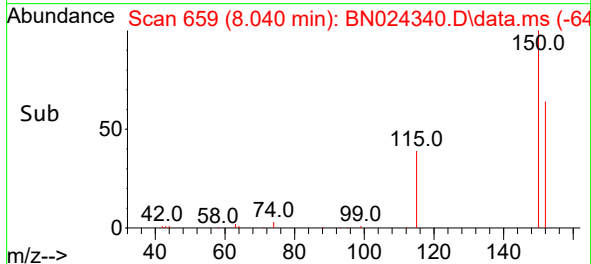
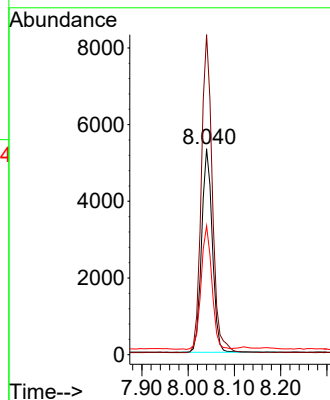


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024340.D
 Acq: 17 Mar 2023 11:22

Instrument :
 BNA_N
 ClientSampleId :
 TT149S1-20230309

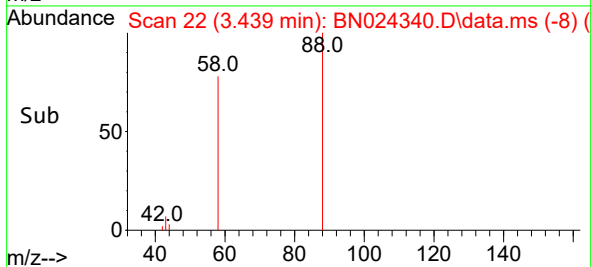
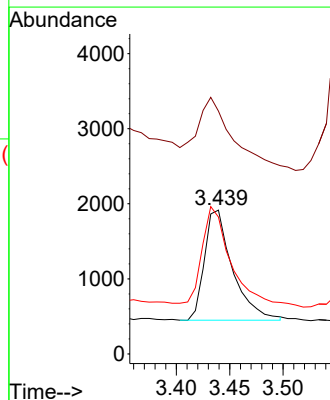
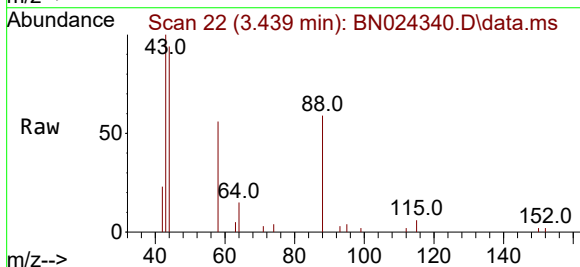


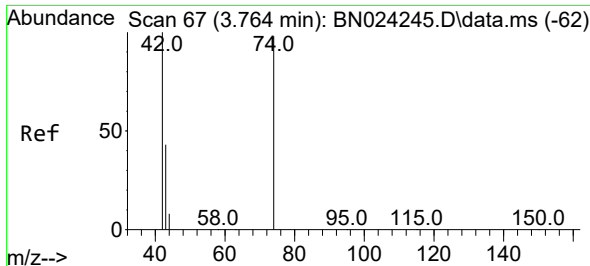
Tgt Ion:152 Resp: 8539
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.7 187.1
 115 62.5 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.290 ng
 RT: 3.439 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN024340.D
 Acq: 17 Mar 2023 11:22

Tgt Ion: 88 Resp: 2693
 Ion Ratio Lower Upper
 88 100
 43 73.6 29.0 43.4#
 58 84.1 67.3 100.9

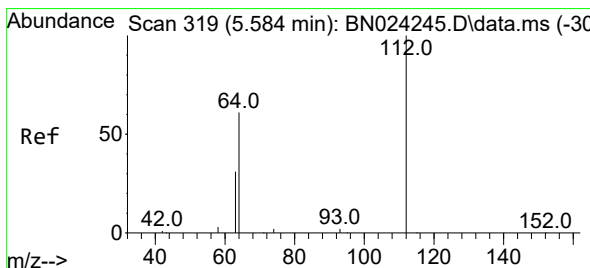
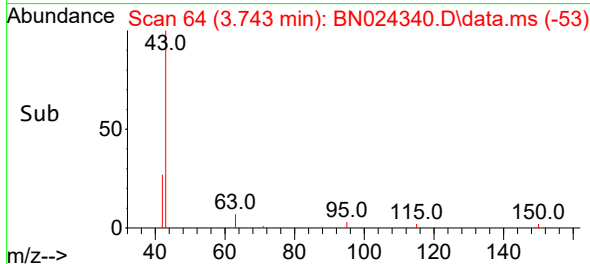
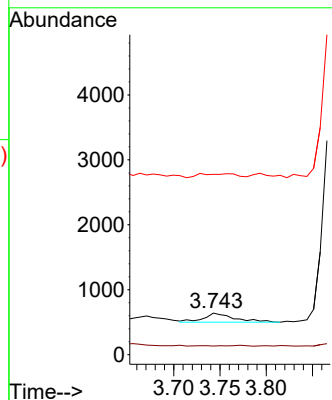
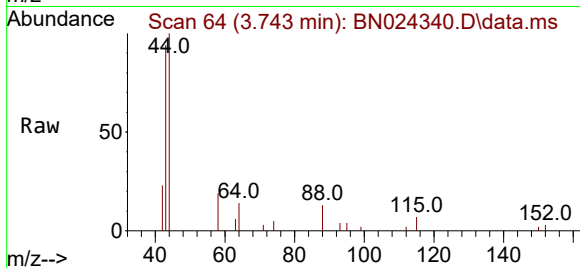




#3
n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.743 min Scan# 64
Delta R.T. -0.022 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

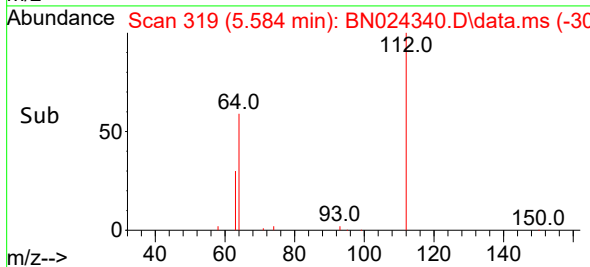
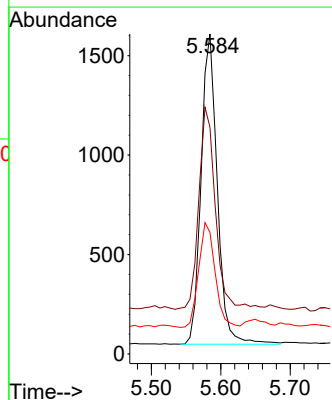
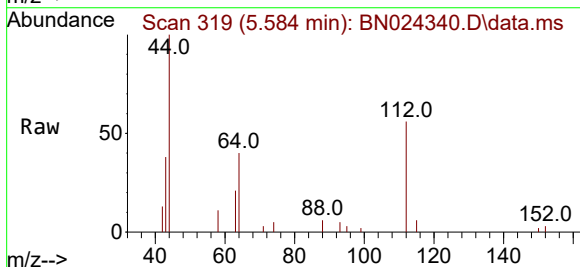
Instrument :
BNA_N
ClientSampleId :
TT149S1-20230309

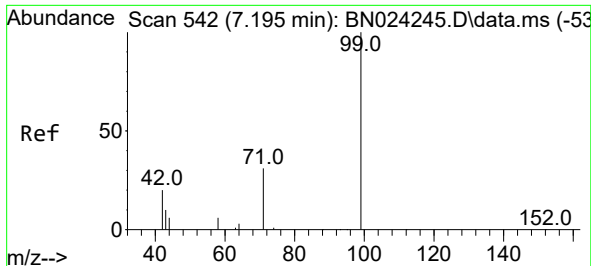
Tgt Ion: 42 Resp: 320
Ion Ratio Lower Upper
42 100
74 1.9 81.6 122.4#
44 25.9 7.3 10.9#



#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

Tgt Ion: 112 Resp: 2535
Ion Ratio Lower Upper
112 100
64 66.5 49.0 73.6
63 34.1 25.7 38.5

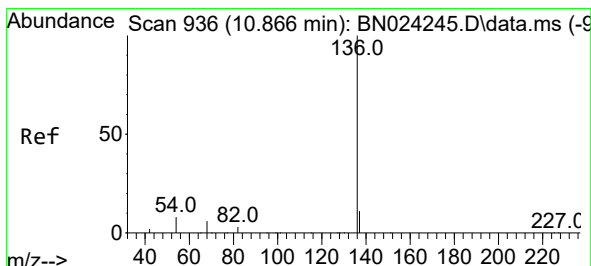
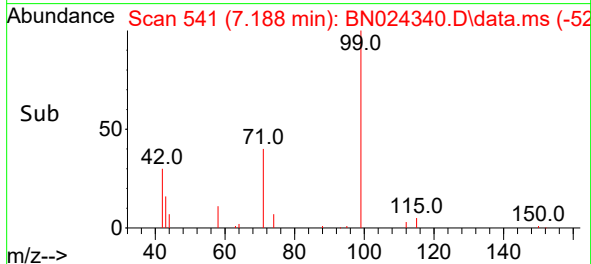
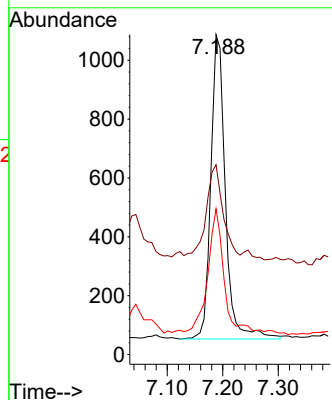
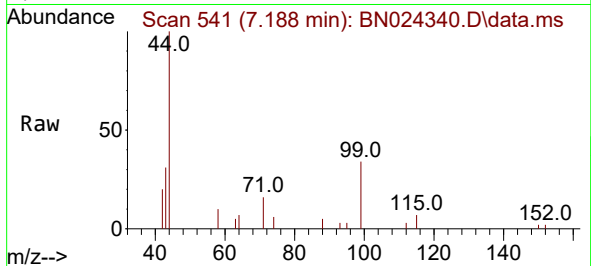




#5
Phenol-d6
Concen: 0.078 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

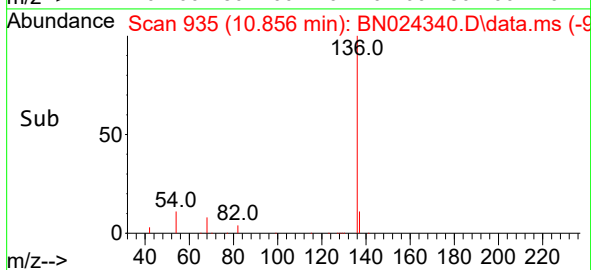
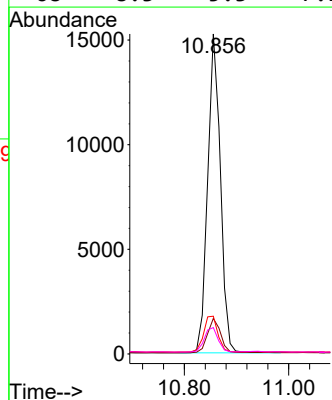
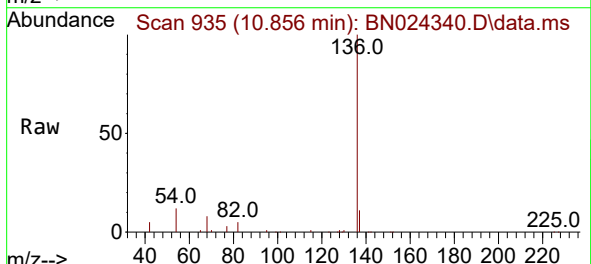
Instrument :
BNA_N
ClientSampleId :
TT149S1-20230309

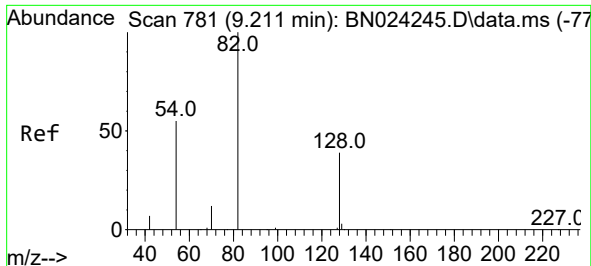
Tgt Ion: 99 Resp: 1888
Ion Ratio Lower Upper
99 100
42 33.4 20.1 30.1#
71 46.0 25.8 38.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

Tgt Ion: 136 Resp: 25747
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 11.8 7.1 10.7#
68 8.3 5.3 7.9#

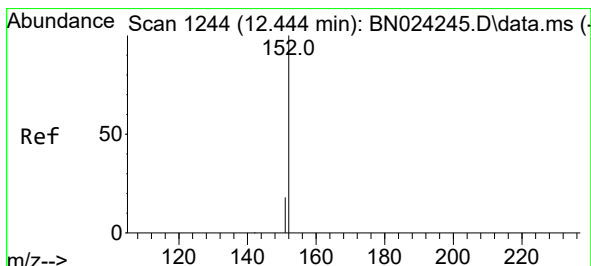
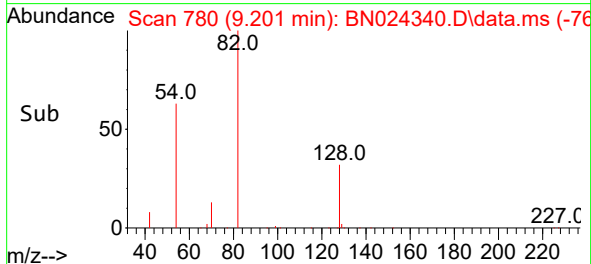
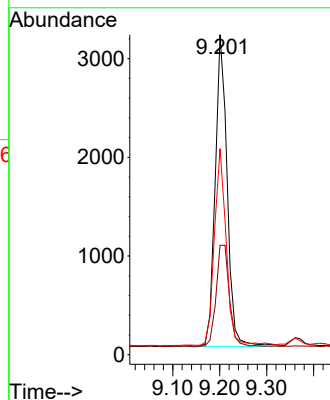
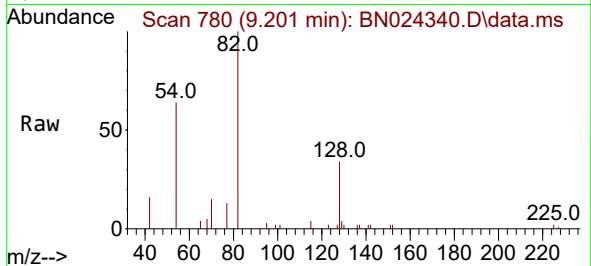




#8
 Nitrobenzene-d5
 Concen: 0.326 ng
 RT: 9.201 min Scan# 781
 Delta R.T. 0.000 min
 Lab File: BN024340.D
 Acq: 17 Mar 2023 11:22

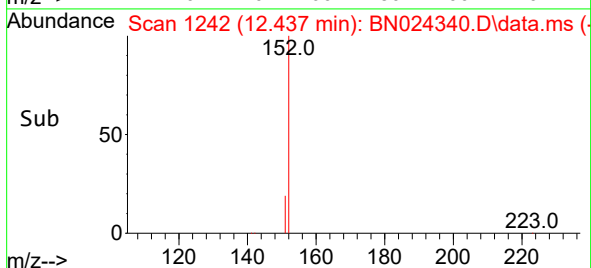
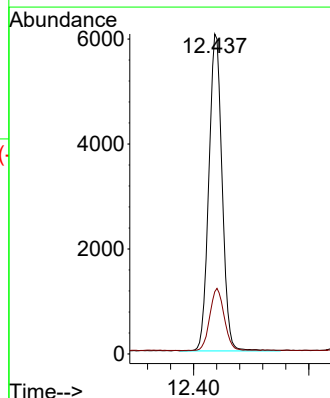
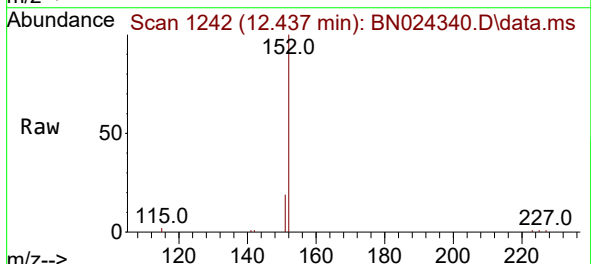
Instrument :
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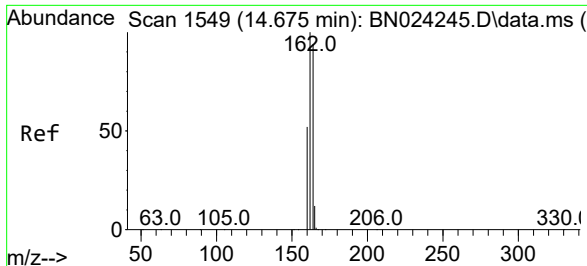
Tgt Ion:	82	Resp:	5605
Ion	Ratio	Lower	Upper
82	100		
128	34.2	32.4	48.6
54	64.4	45.2	67.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.304 ng
 RT: 12.437 min Scan# 1242
 Delta R.T. -0.004 min
 Lab File: BN024340.D
 Acq: 17 Mar 2023 11:22

Tgt Ion:	152	Resp:	9633
Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.8	25.2

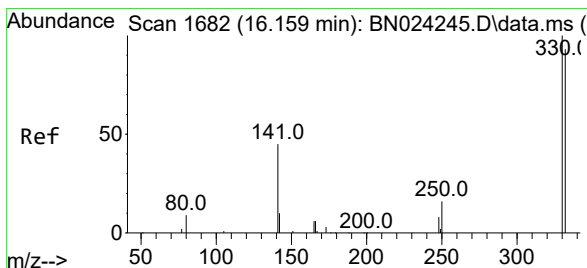
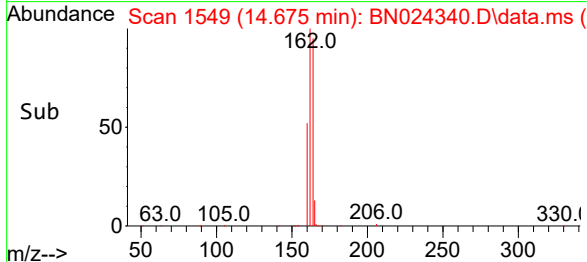
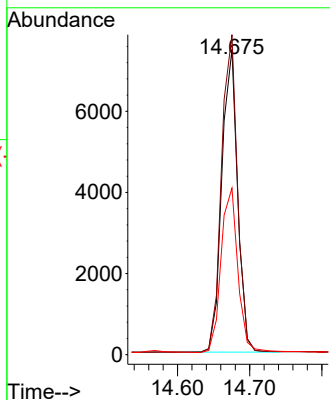
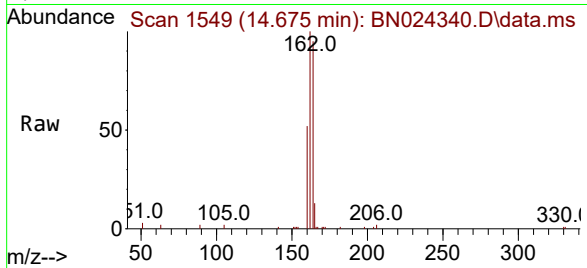




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

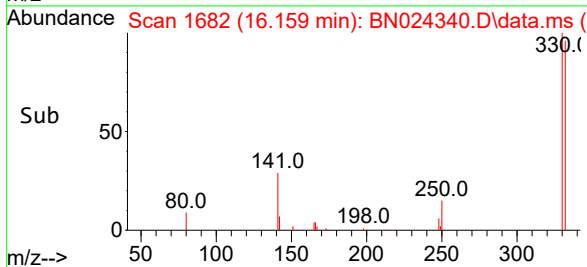
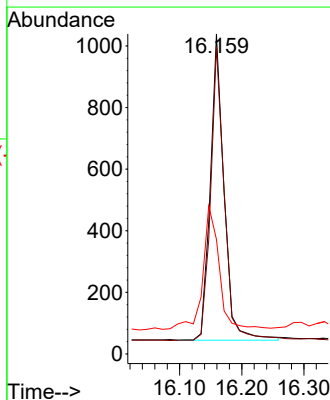
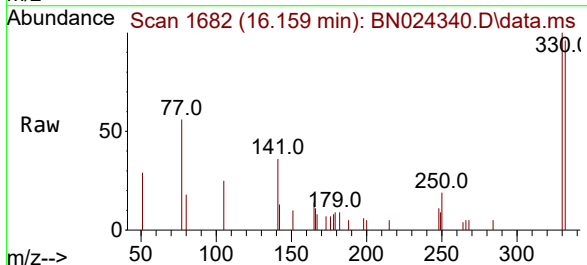
Instrument :
BNA_N
ClientSampleId :
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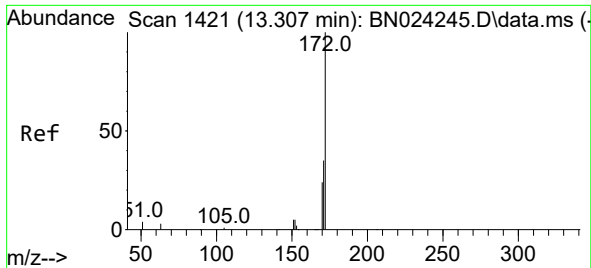
Tgt Ion:164 Resp: 11292
Ion Ratio Lower Upper
164 100
162 104.9 84.7 127.1
160 54.6 44.6 66.8



#14
2,4,6-Tribromophenol
Concen: 0.265 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

Tgt Ion:330 Resp: 1529
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 46.4 30.8 46.2#

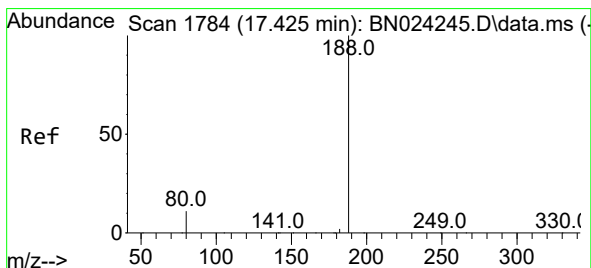
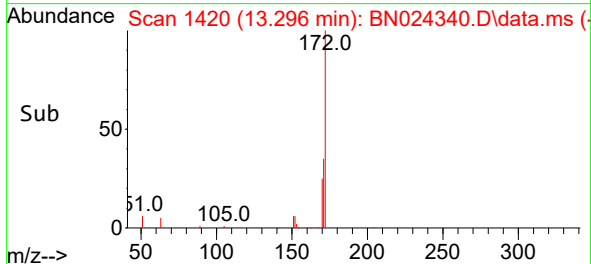
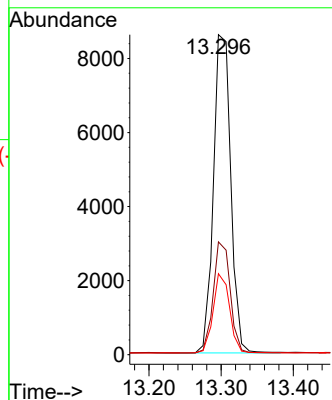
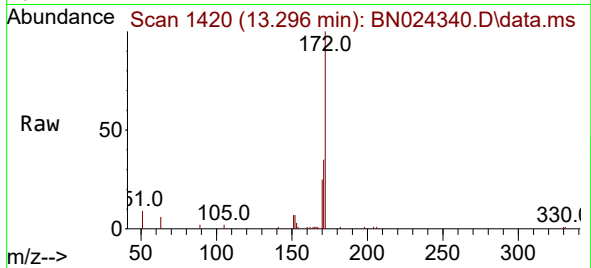




#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 13.296 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

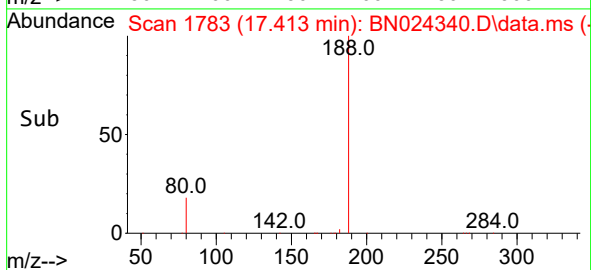
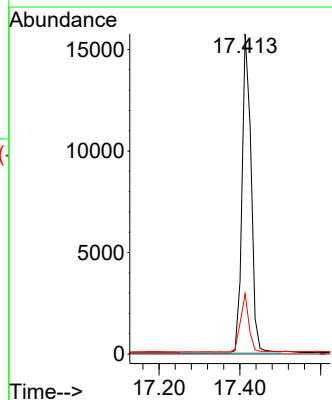
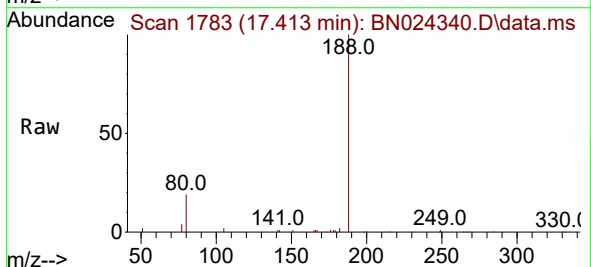
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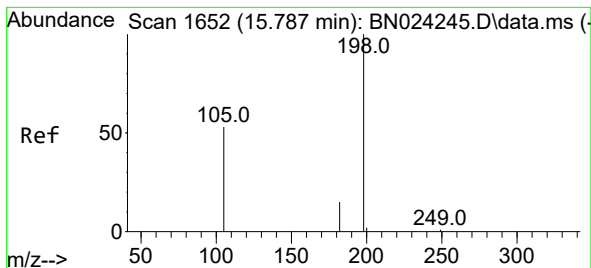
Tgt Ion:172 Resp: 14366
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 25.3 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

Tgt Ion:188 Resp: 24458
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 18.8 8.9 13.3#

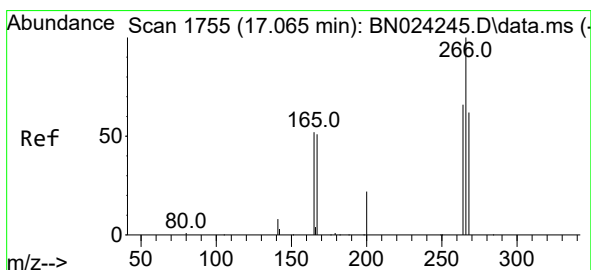
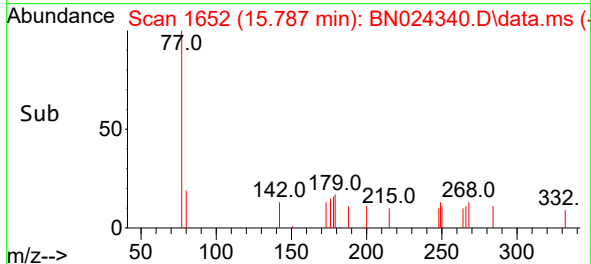
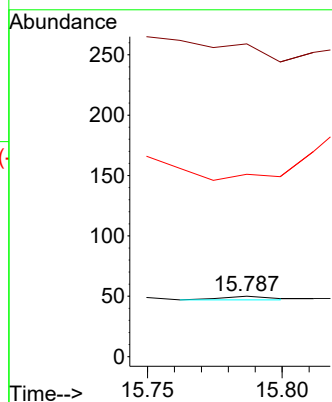
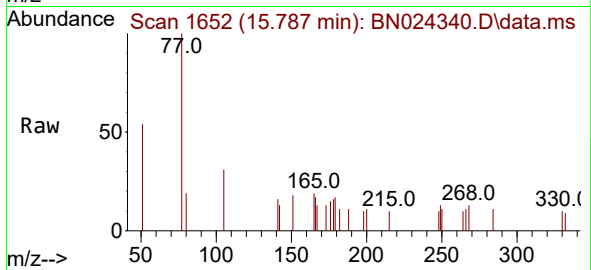




#20
4,6-Dinitro-2-methylphenol
Concen: 0.179 ng
RT: 15.787 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

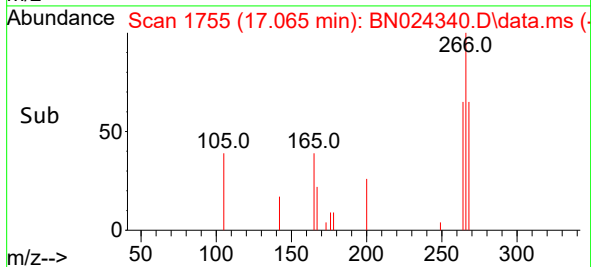
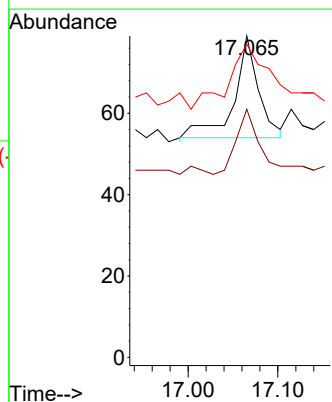
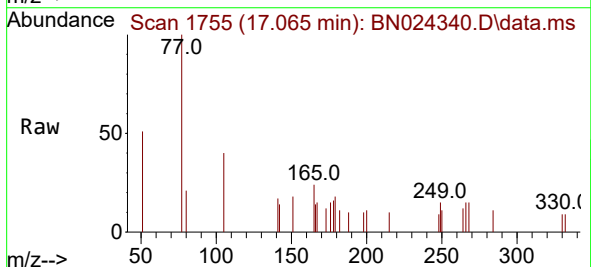
Instrument :
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TT149S1-20230309

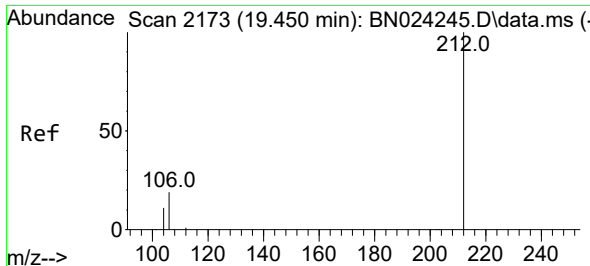
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 518.0 68.2 102.2#
105 302.0 51.6 77.4#



#24
Pentachlorophenol
Concen: 0.133 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

Tgt Ion:266 Resp: 48
Ion Ratio Lower Upper
266 100
264 66.7 51.1 76.7
268 120.8 52.2 78.4#

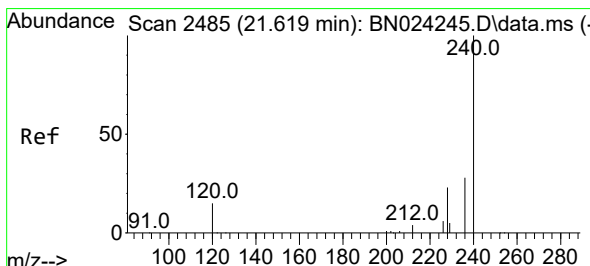
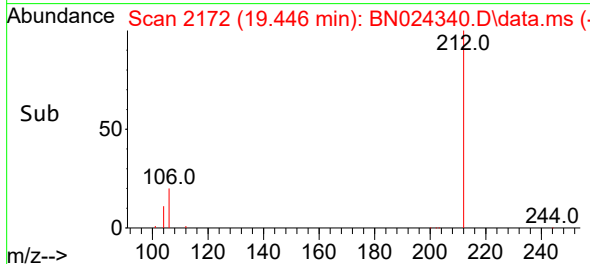
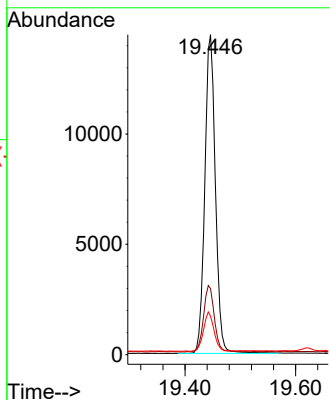
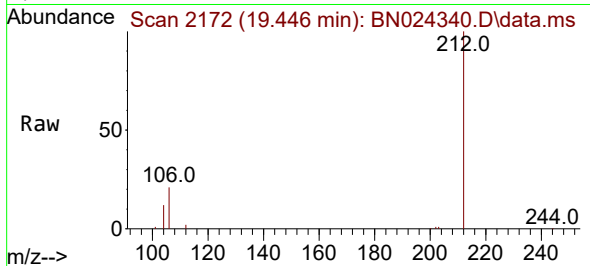




#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

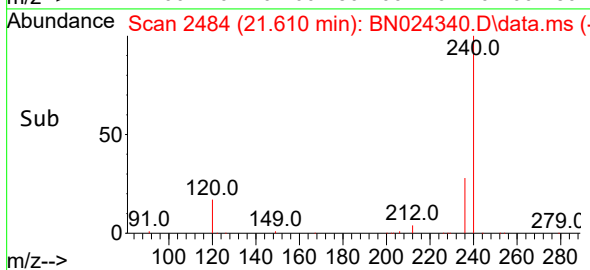
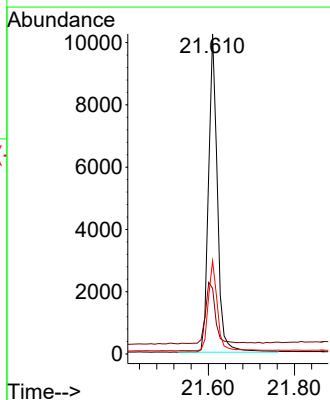
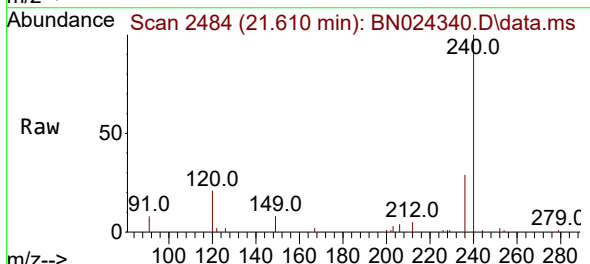
Instrument :
BNA_N
ClientSampleId :
TT149S1-20230309

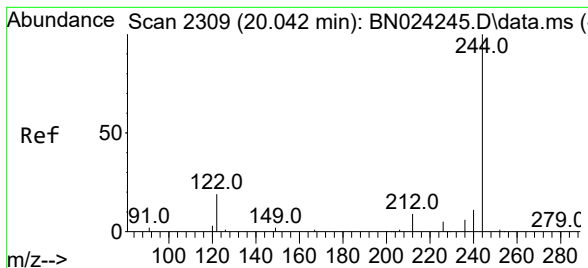
Tgt Ion:212 Resp: 19244
Ion Ratio Lower Upper
212 100
106 21.0 15.4 23.2
104 12.1 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

Tgt Ion:240 Resp: 14607
Ion Ratio Lower Upper
240 100
120 20.5 12.8 19.2#
236 29.0 22.5 33.7





#31

Terphenyl-d14

Concen: 0.477 ng

RT: 20.034 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024340.D

Acq: 17 Mar 2023 11:22

Instrument :

BNA_N

ClientSampleId :

TT149S1-20230309

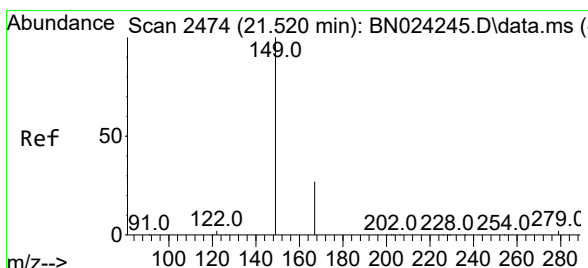
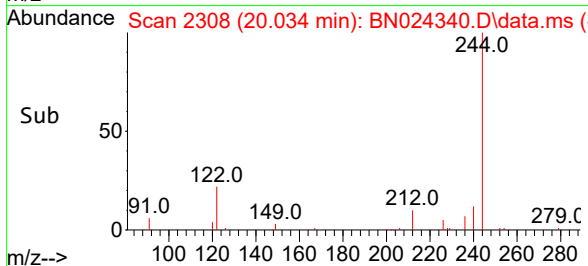
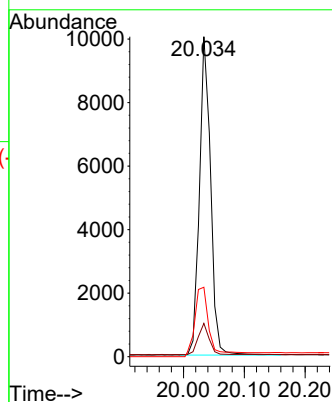
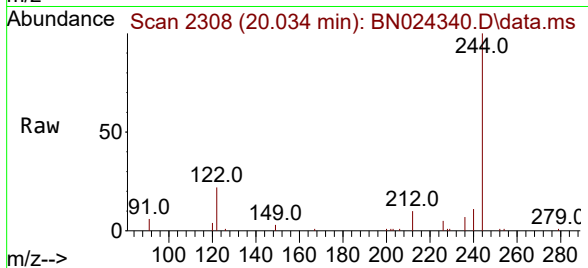
Tgt Ion:244 Resp: 11740

Ion Ratio Lower Upper

244 100

212 10.4 7.6 11.4

122 21.7 15.1 22.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.095 ng

RT: 21.502 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BN024340.D

Acq: 17 Mar 2023 11:22

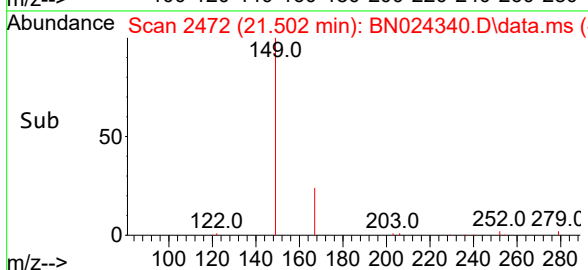
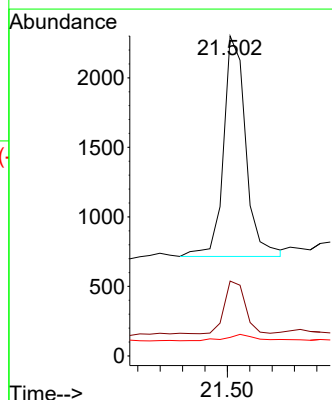
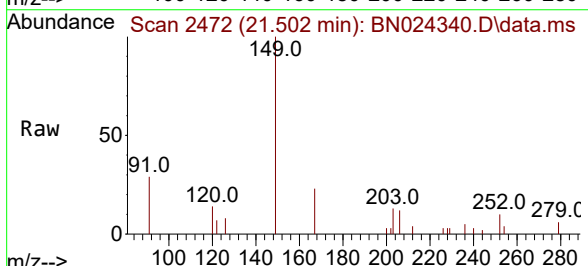
Tgt Ion:149 Resp: 2185

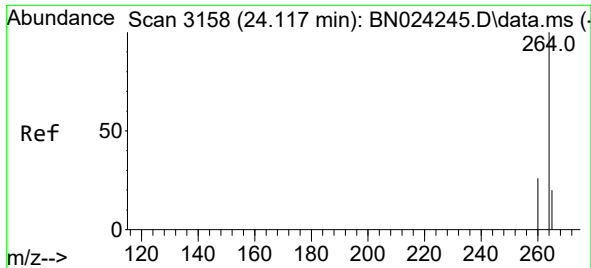
Ion Ratio Lower Upper

149 100

167 22.2 21.2 31.8

279 4.3 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: BN024340.D

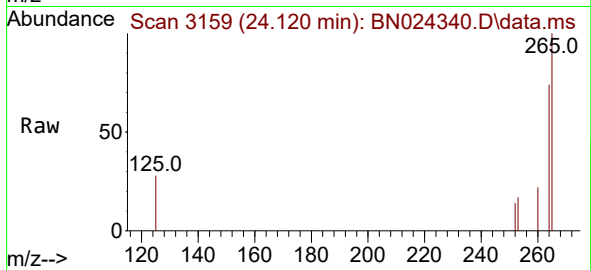
Acq: 17 Mar 2023 11:22

Instrument :

BNA_N

ClientSampleId :

TT149S1-20230309



Tgt Ion:264 Resp: 4566

Ion Ratio Lower Upper

264 100

260 29.8 21.4 32.2

265 136.0 35.7 53.5#

