

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
 Data File : BN026748.D
 Acq On : 25 Jul 2023 16:15
 Operator : MA/JU
 Sample : 03611-02
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-RW5A-20230712

Quant Time: Jul 26 05:41:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 23:51:48 2023
 Response via : Initial Calibration

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

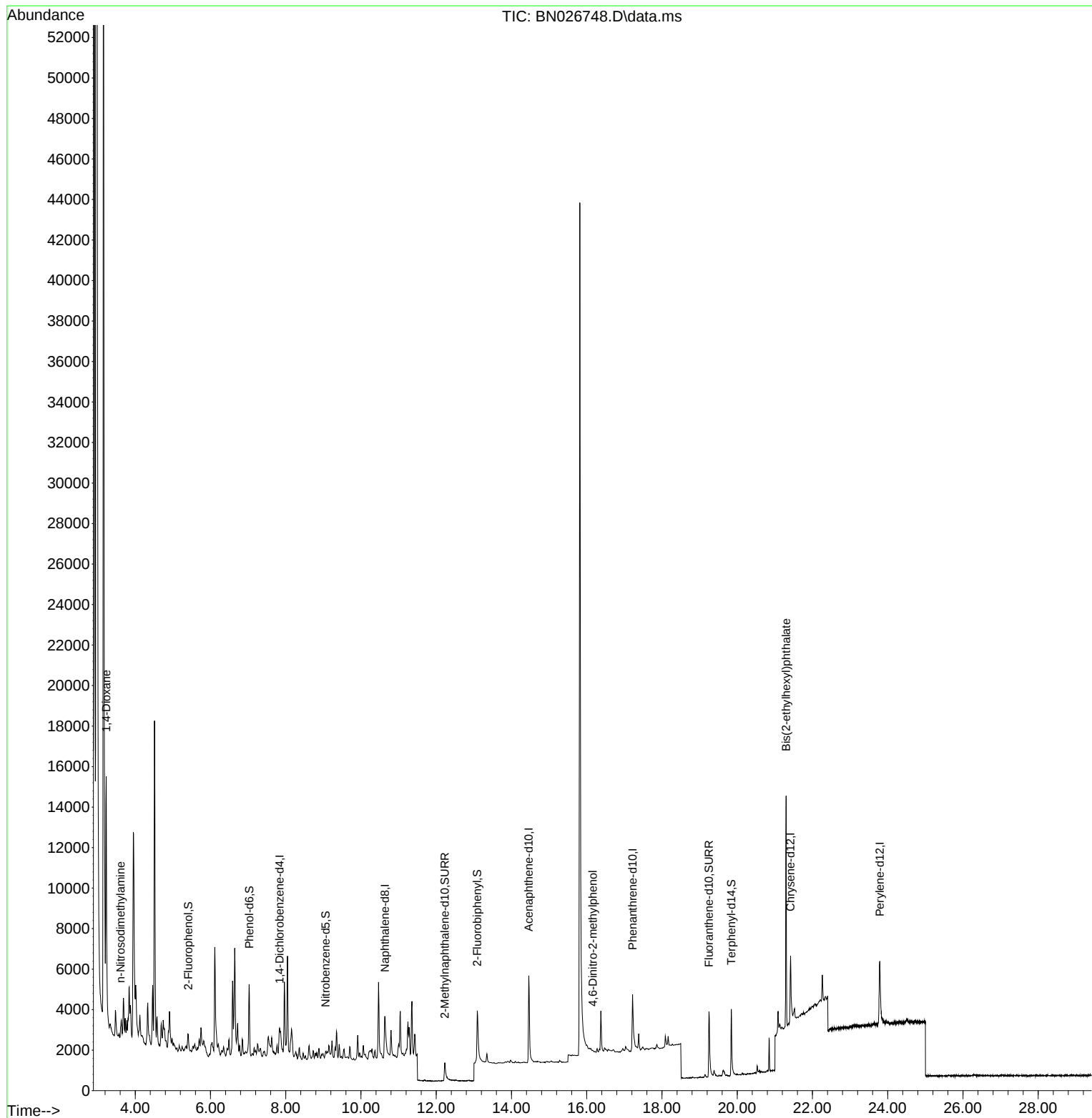
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	1254	0.400	ng	0.00
7) Naphthalene-d8	10.639	136	4434	0.400	ng	# 0.01
13) Acenaphthene-d10	14.459	164	3283	0.400	ng	0.00
19) Phenanthrene-d10	17.219	188	6333	0.400	ng	# 0.00
29) Chrysene-d12	21.417	240	5056	0.400	ng	# 0.00
35) Perylene-d12	23.788	264	5743	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.408	112	106	0.035	ng	0.00
5) Phenol-d6	7.033	99	131	0.034	ng	0.00
8) Nitrobenzene-d5	9.059	82	566	0.149	ng	0.02
11) 2-Methylnaphthalene-d10	12.226	152	2343	0.361	ng	0.00
14) 2,4,6-Tribromophenol	15.978	330	4	0.003	ng	0.00
15) 2-Fluorobiphenyl	13.090	172	3737	0.295	ng	-0.01
27) Fluoranthene-d10	19.249	212	5840	0.435	ng	0.00
31) Terphenyl-d14	19.844	244	4729	0.365	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.227	88	7855	5.922	ng	# 88
3) n-Nitrosodimethylamine	3.610	42	197	0.147	ng	# 1
20) 4,6-Dinitro-2-methylph...	16.164	198	14	0.073	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.300	149	10242	0.631	ng	# 94

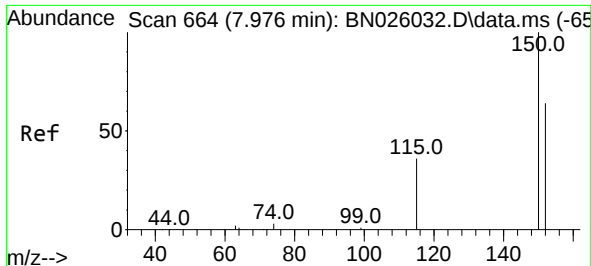
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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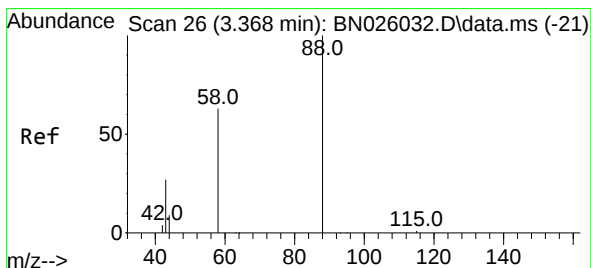
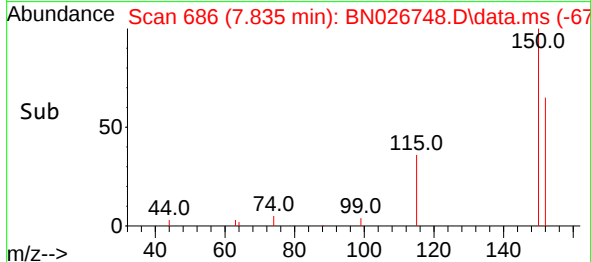
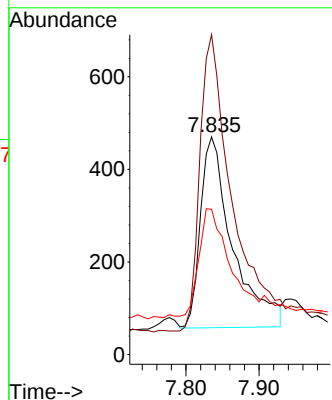
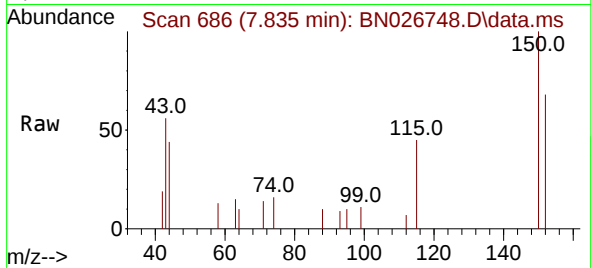




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.835 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN026748.D
 Acq: 25 Jul 2023 16:15

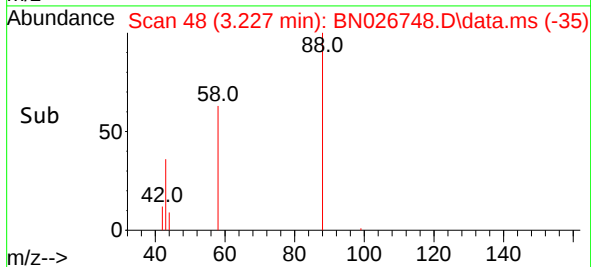
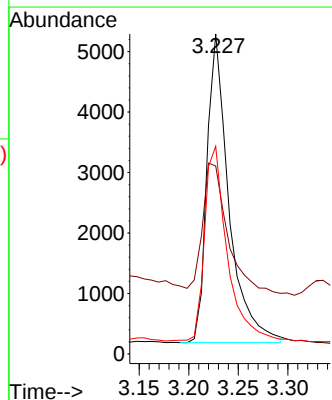
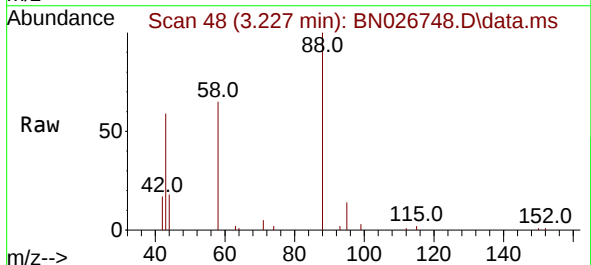
Instrument :
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 BP-TT-RW5A-20230712

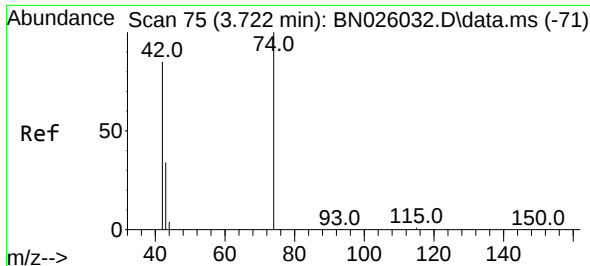
Tgt Ion:152 Resp: 1254
 Ion Ratio Lower Upper
 152 100
 150 147.0 124.7 187.1
 115 66.8 48.2 72.4



#2
 1,4-Dioxane
 Concen: 5.922 ng
 RT: 3.227 min Scan# 48
 Delta R.T. -0.007 min
 Lab File: BN026748.D
 Acq: 25 Jul 2023 16:15

Tgt Ion: 88 Resp: 7855
 Ion Ratio Lower Upper
 88 100
 43 48.0 24.2 36.4#
 58 64.9 53.3 79.9

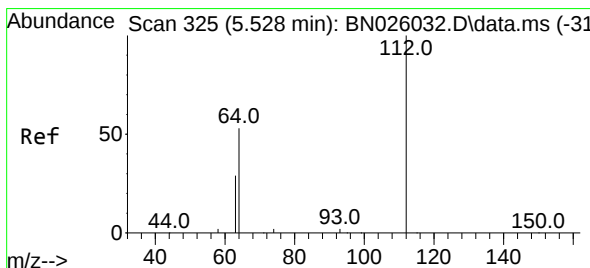
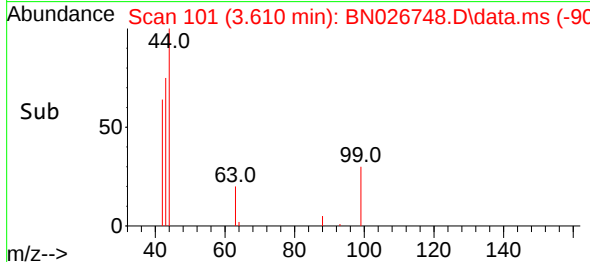
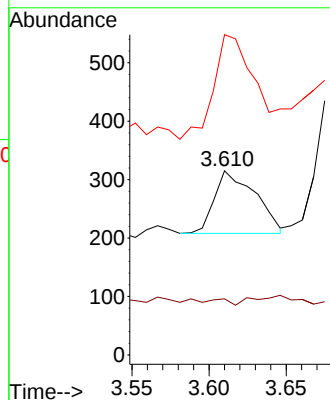
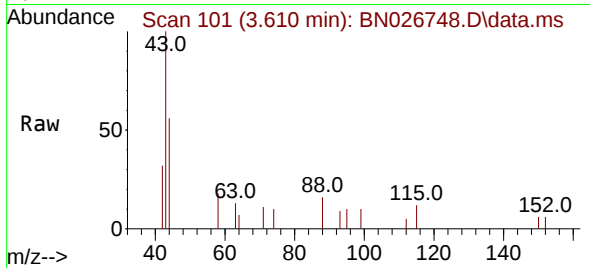




#3
 n-Nitrosodimethylamine
 Concen: 0.147 ng
 RT: 3.610 min Scan# 101
 Delta R.T. -0.022 min
 Lab File: BN026748.D
 Acq: 25 Jul 2023 16:15

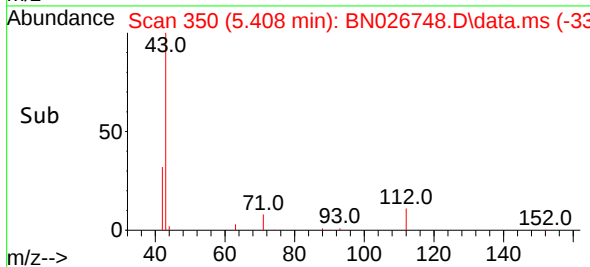
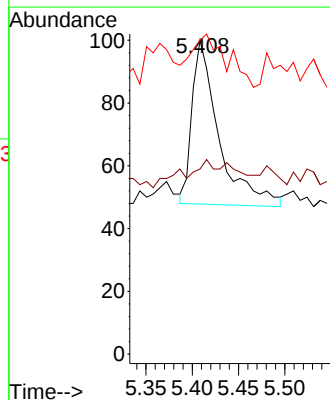
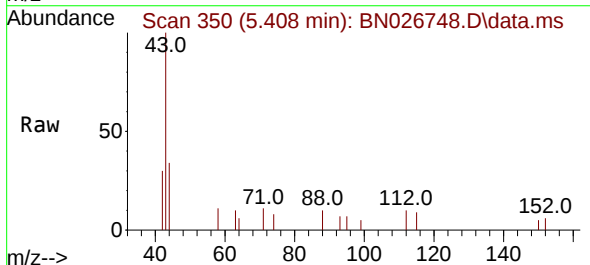
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-RW5A-20230712

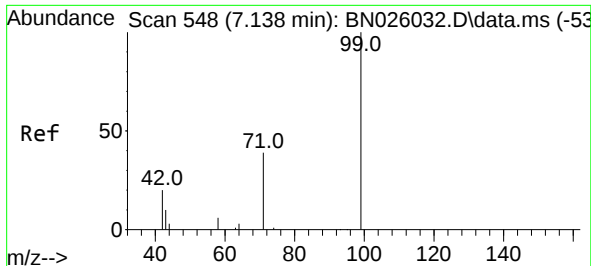
Tgt Ion: 42 Resp: 197
 Ion Ratio Lower Upper
 42 100
 74 0.0 93.8 140.8#
 44 174.1 3.0 4.4#



#4
 2-Fluorophenol
 Concen: 0.035 ng
 RT: 5.408 min Scan# 350
 Delta R.T. -0.007 min
 Lab File: BN026748.D
 Acq: 25 Jul 2023 16:15

Tgt Ion: 112 Resp: 106
 Ion Ratio Lower Upper
 112 100
 64 6.6 45.8 68.6#
 63 42.5 27.4 41.2#

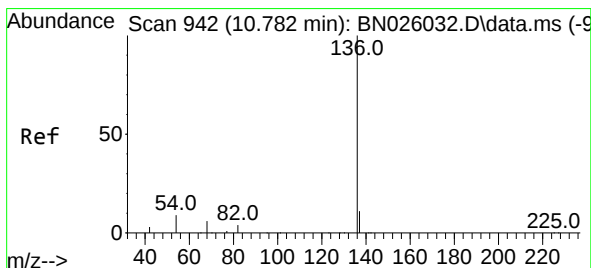
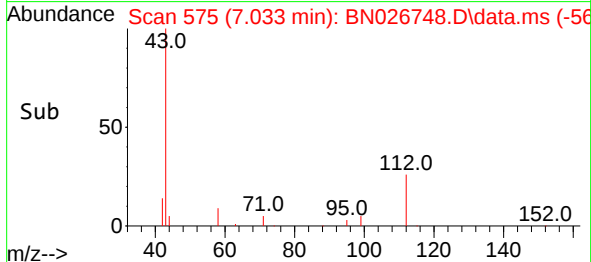
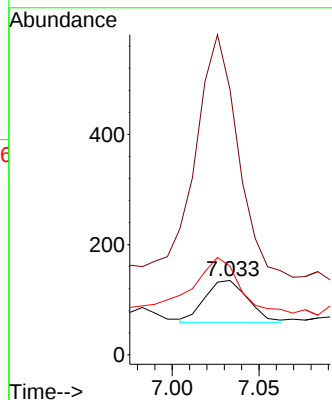
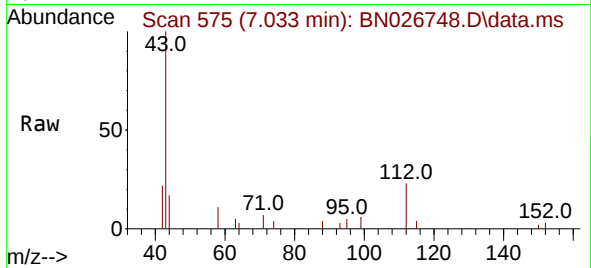




#5
Phenol-d6
Concen: 0.034 ng
RT: 7.033 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN026748.D
Acq: 25 Jul 2023 16:15

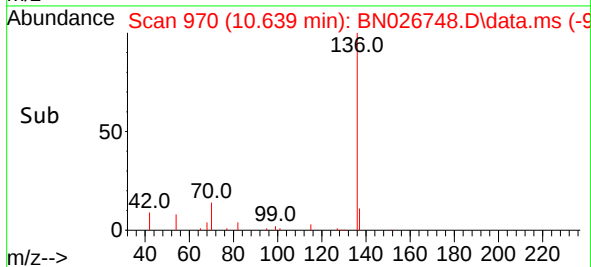
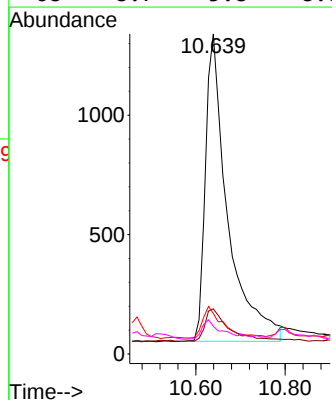
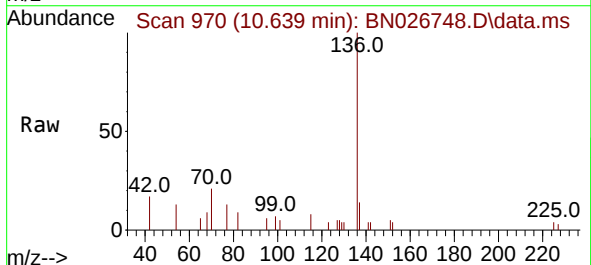
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5A-20230712

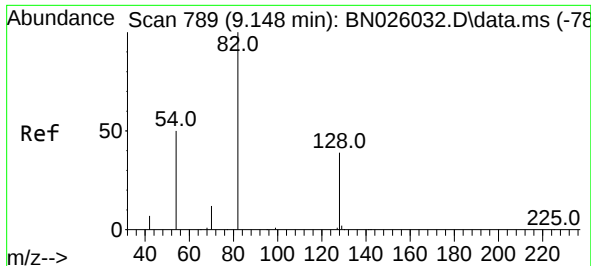
Tgt Ion: 99 Resp: 131
Ion Ratio Lower Upper
99 100
42 585.5 18.4 27.6#
71 151.1 30.6 46.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.639 min Scan# 970
Delta R.T. 0.011 min
Lab File: BN026748.D
Acq: 25 Jul 2023 16:15

Tgt Ion: 136 Resp: 4434
Ion Ratio Lower Upper
136 100
137 14.1 9.0 13.4#
54 12.7 7.8 11.6#
68 8.7 5.8 8.8

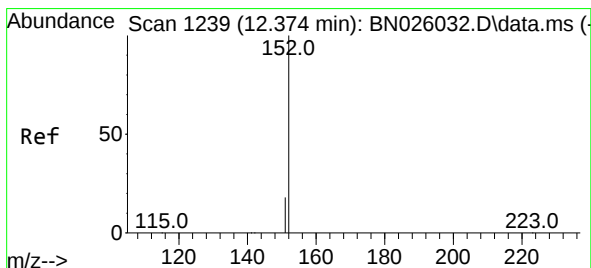
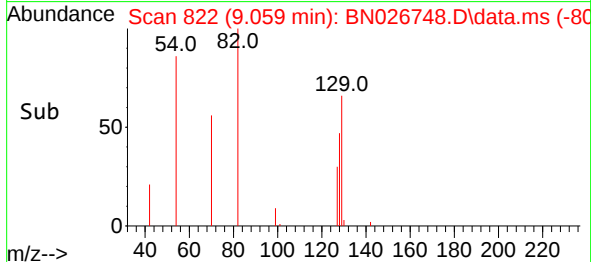
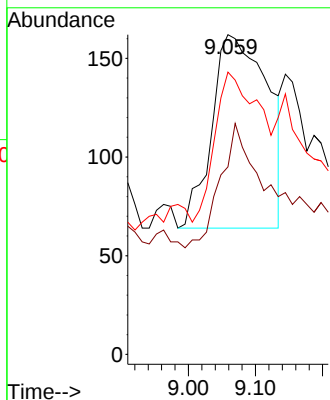
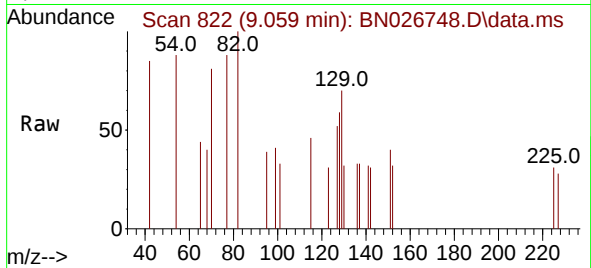




#8
Nitrobenzene-d5
Concen: 0.149 ng
RT: 9.059 min Scan# 81
Delta R.T. 0.021 min
Lab File: BN026748.D
Acq: 25 Jul 2023 16:15

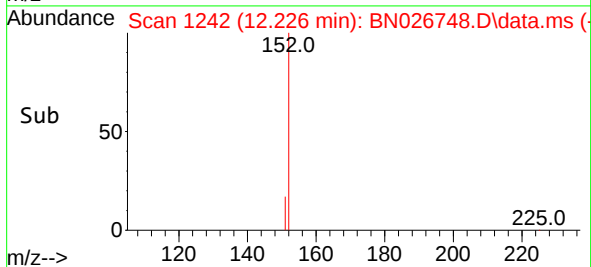
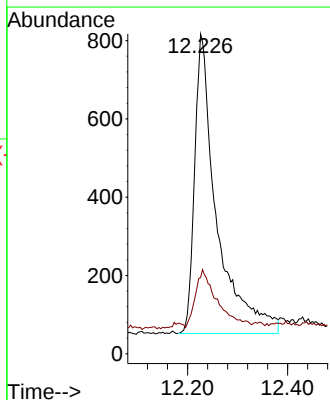
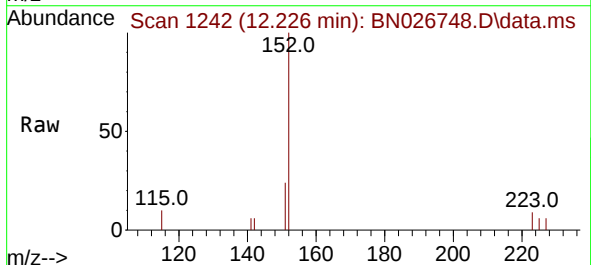
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5A-20230712

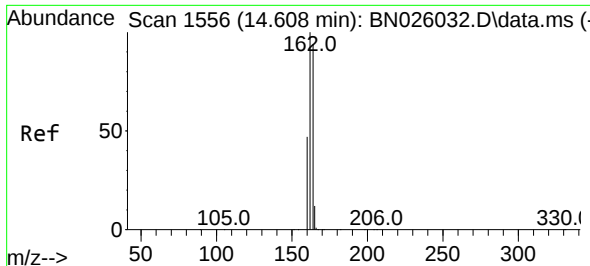
Tgt Ion: 82 Resp: 566
Ion Ratio Lower Upper
82 100
128 58.6 33.4 50.2#
54 88.3 41.7 62.5#



#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 12.226 min Scan# 1242
Delta R.T. -0.004 min
Lab File: BN026748.D
Acq: 25 Jul 2023 16:15

Tgt Ion:152 Resp: 2343
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.2

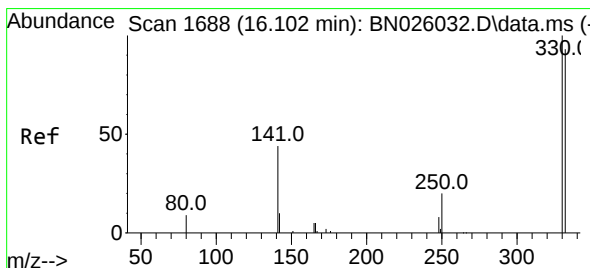
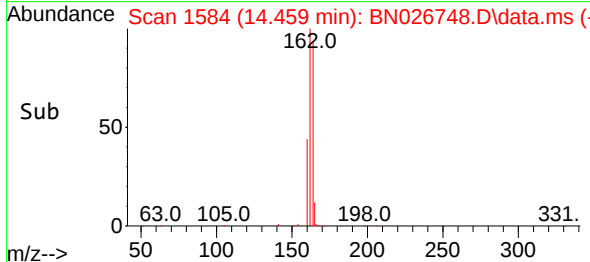
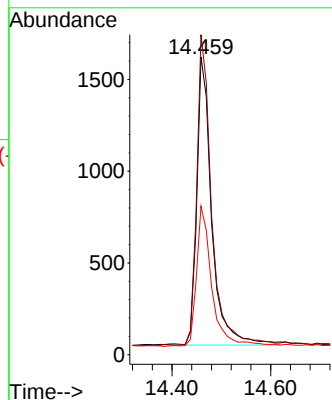
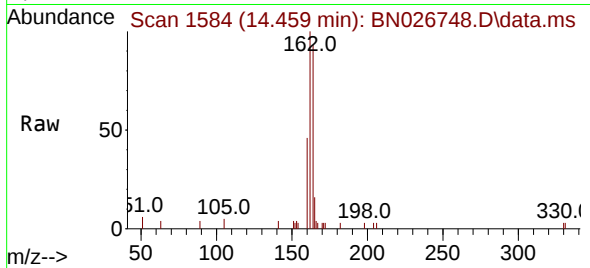




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN026748.D
Acq: 25 Jul 2023 16:15

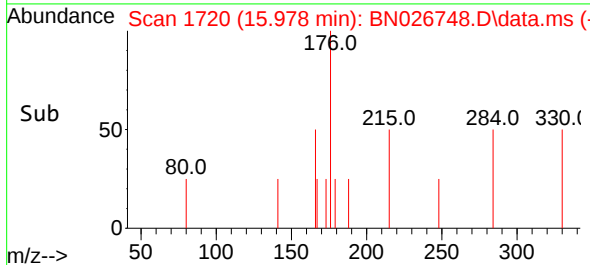
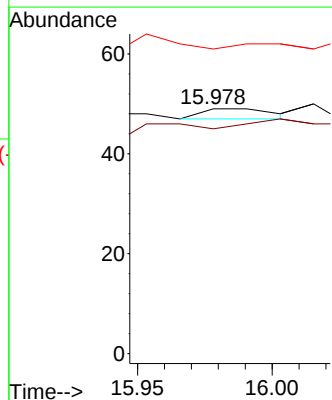
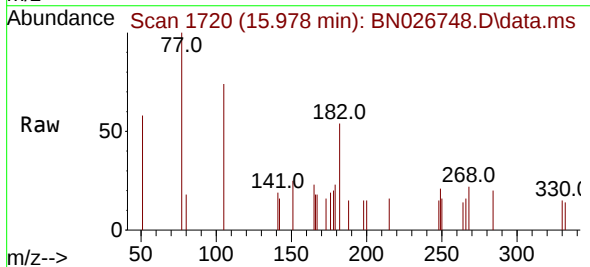
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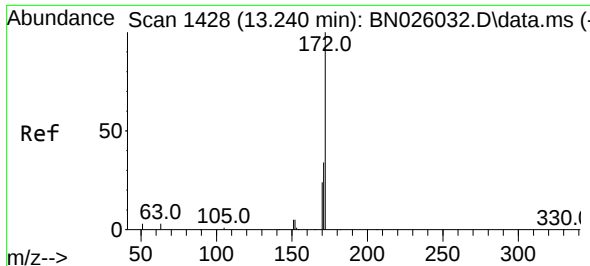
Tgt Ion:164 Resp: 3283
Ion Ratio Lower Upper
164 100
162 107.5 85.3 127.9
160 49.8 40.0 60.0



#14
2,4,6-Tribromophenol
Concen: 0.003 ng
RT: 15.978 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BN026748.D
Acq: 25 Jul 2023 16:15

Tgt Ion:330 Resp: 4
Ion Ratio Lower Upper
330 100
332 0.0 76.0 114.0#
141 0.0 42.8 64.2#

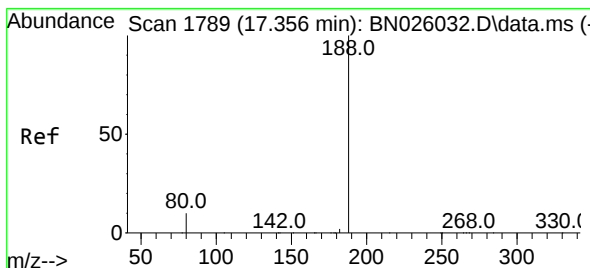
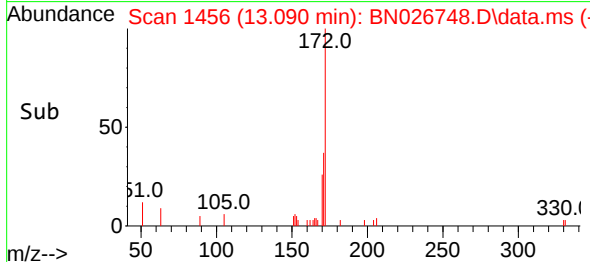
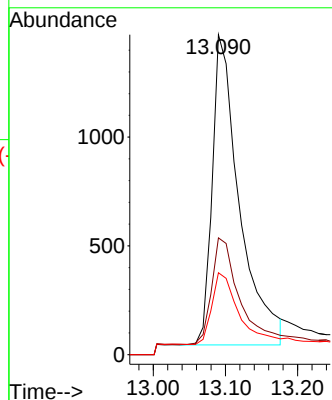
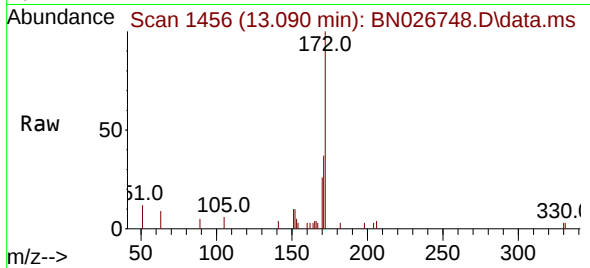




#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 13.090 min Scan# 1428
Delta R.T. -0.011 min
Lab File: BN026748.D
Acq: 25 Jul 2023 16:15

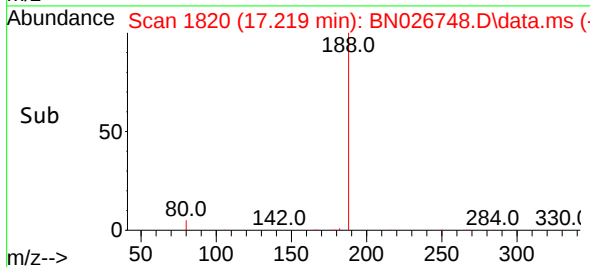
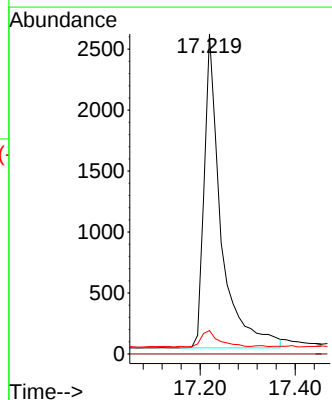
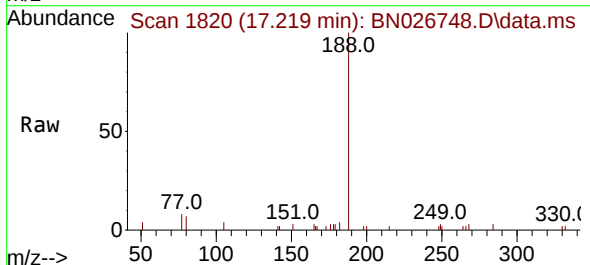
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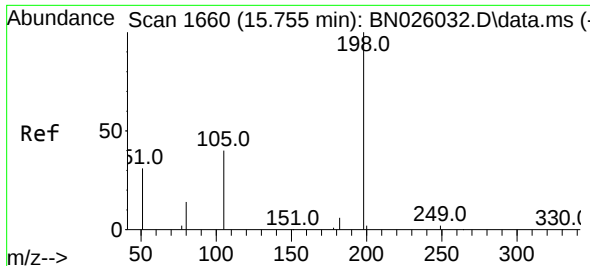
Tgt Ion:172	Resp:	3737
Ion Ratio	Lower	Upper
172	100	
171	36.5	27.8 41.8
170	25.6	19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.219 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN026748.D
Acq: 25 Jul 2023 16:15

Tgt Ion:188	Resp:	6333
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	7.3	8.6 13.0

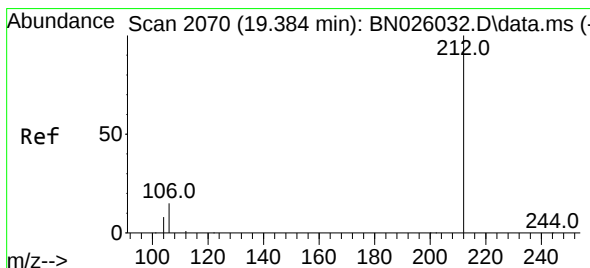
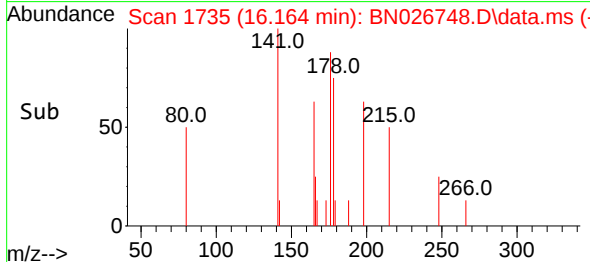
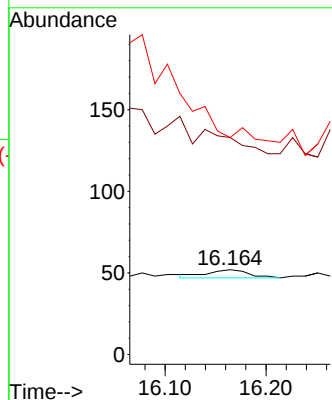
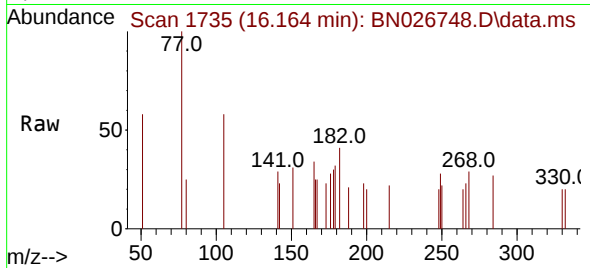




#20
4,6-Dinitro-2-methylphenol
Concen: 0.073 ng
RT: 16.164 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN026748.D
Acq: 25 Jul 2023 16:15

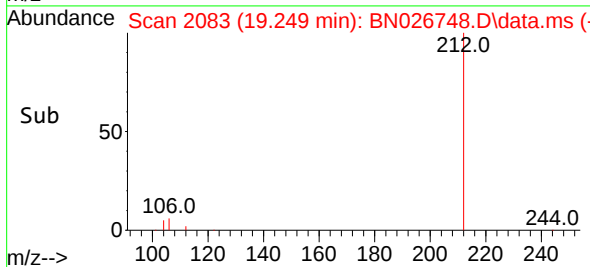
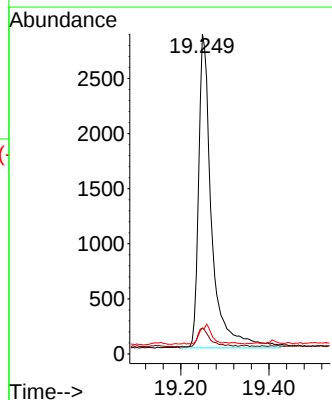
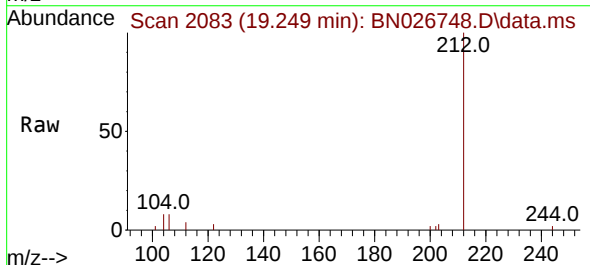
Instrument :
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BP-TT-RW5A-20230712

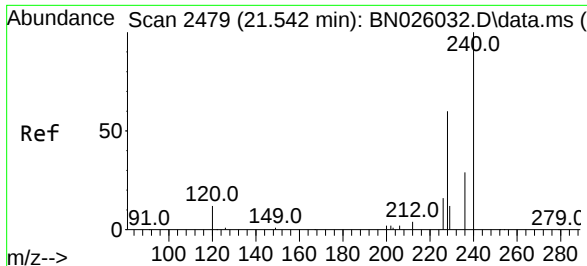
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 255.8 85.8 128.8#
105 255.8 48.2 72.2#



#27
Fluoranthene-d10
Concen: 0.435 ng
RT: 19.249 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN026748.D
Acq: 25 Jul 2023 16:15

Tgt Ion:212 Resp: 5840
Ion Ratio Lower Upper
212 100
106 5.7 11.6 17.4#
104 5.4 7.2 10.8#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.417 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN026748.D

Acq: 25 Jul 2023 16:15

Instrument :

BNA_N

ClientSampleId :

BP-TT-RW5A-20230712

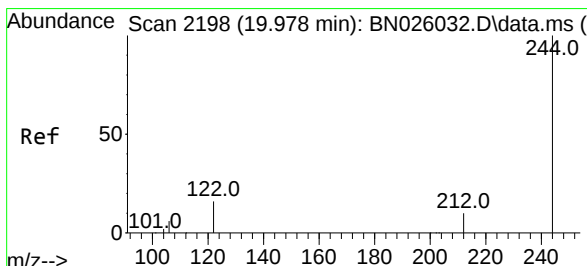
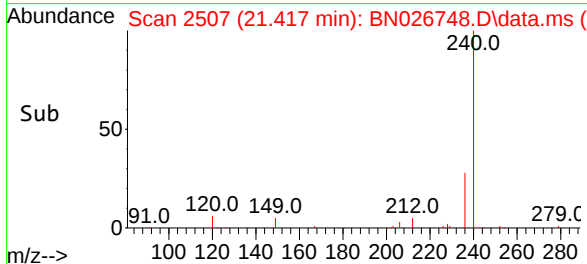
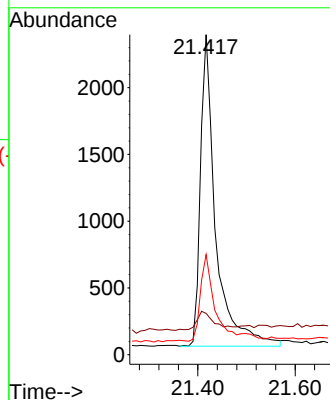
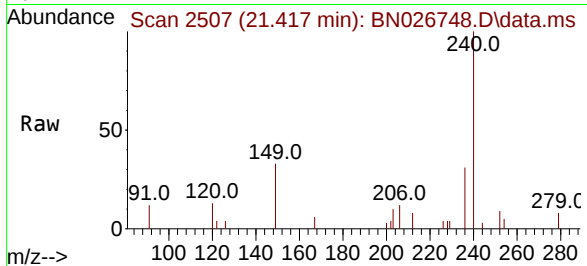
Tgt Ion:240 Resp: 5056

Ion Ratio Lower Upper

240 100

120 12.9 14.6 22.0#

236 31.3 24.2 36.2



#31

Terphenyl-d14

Concen: 0.365 ng

RT: 19.844 min Scan# 2211

Delta R.T. -0.005 min

Lab File: BN026748.D

Acq: 25 Jul 2023 16:15

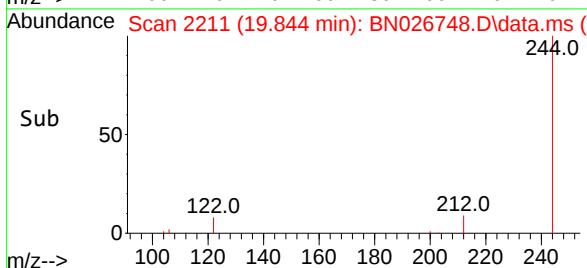
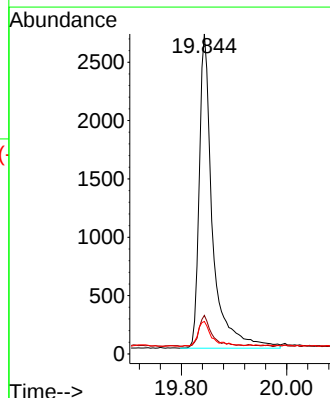
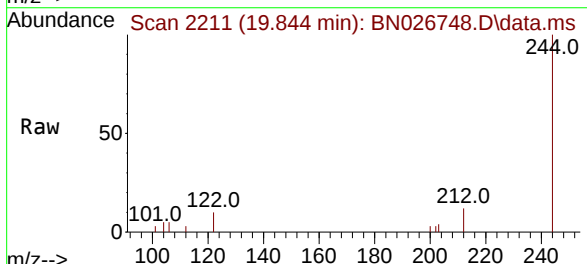
Tgt Ion:244 Resp: 4729

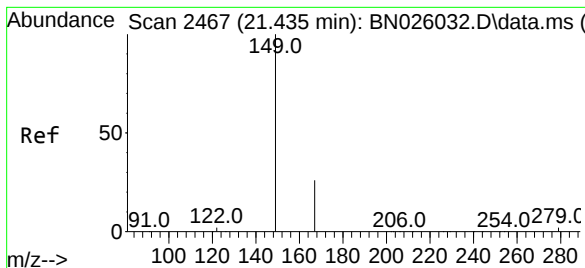
Ion Ratio Lower Upper

244 100

212 12.1 8.7 13.1

122 10.2 13.7 20.5#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.631 ng

RT: 21.300 min Scan# 24

Delta R.T. 0.000 min

Lab File: BN026748.D

Acq: 25 Jul 2023 16:15

Instrument :

BNA_N

ClientSampleId :

BP-TT-RW5A-20230712

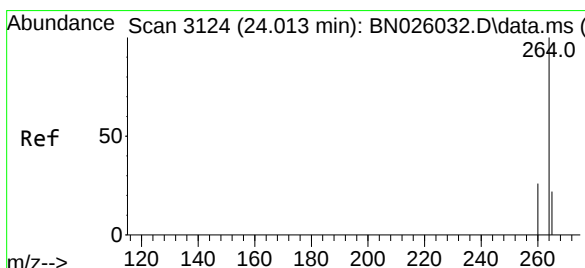
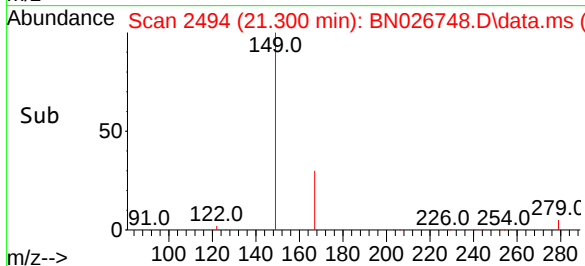
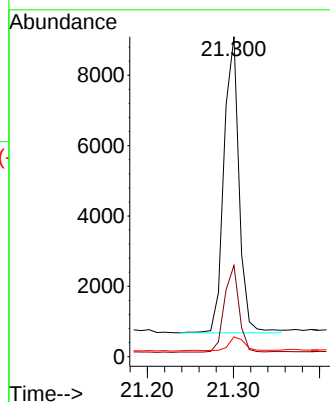
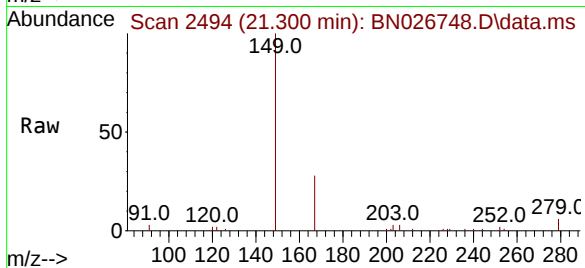
Tgt Ion:149 Resp: 10242

Ion Ratio Lower Upper

149 100

167 28.5 20.2 30.4

279 4.7 2.4 3.6#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.788 min Scan# 3089

Delta R.T. 0.006 min

Lab File: BN026748.D

Acq: 25 Jul 2023 16:15

Tgt Ion:264 Resp: 5743

Ion Ratio Lower Upper

264 100

260 27.7 21.9 32.9

265 107.1 80.3 120.5

